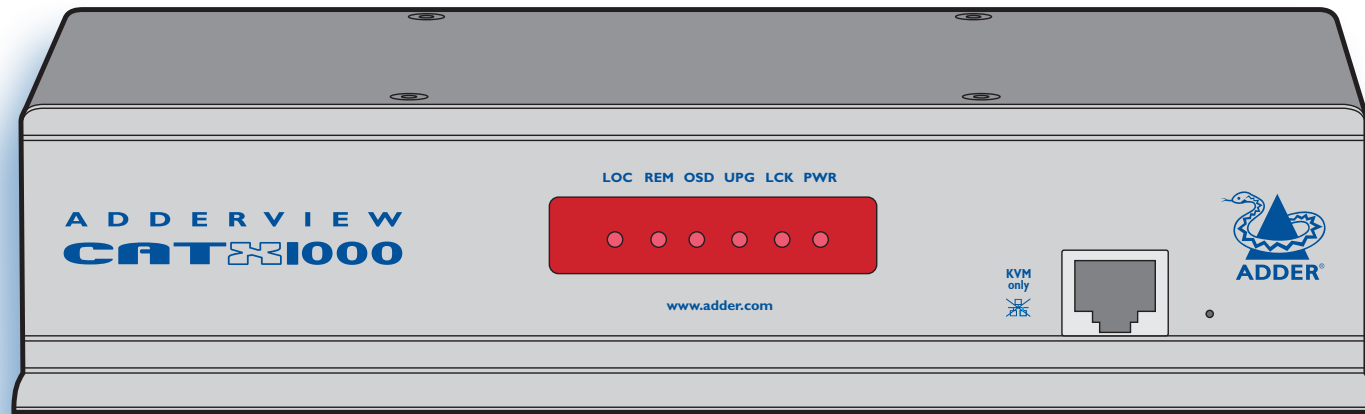


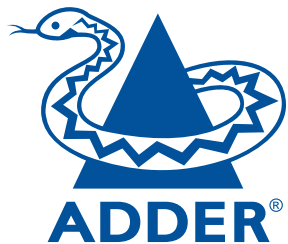


AdderView CATx 1000

User Guide

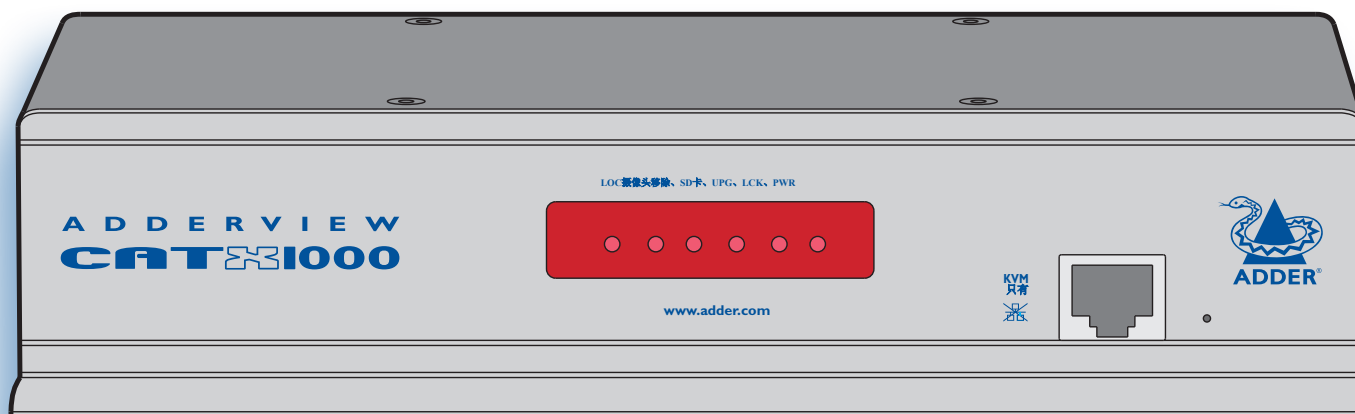


CONTENTS



AdderView CATx 1000

用户指南



目录

Contents



Introduction

AdderView CATx 1000 features - front and rear	4
What's in the box	5
What you may additionally need	5

Installation

Mounting	6
Connections	7
Local user	8
Remote user (via X100/X200 extender)	9
Computer system (via CAM)	10
Power in connection	11
Power control port	12
Cascading multiple units	13
Connecting units in cascade	14
Addressing computers in a cascade	15
Using cascaded computers	15
Multiple video head connections	16
Remote switching control	17

Configuration

Overall initial configuration	18
Configuration menus	19
Configuration menus layout	20
General security and configuration steps	20
Registering users (edit user list)	21
Registering computers (edit computer list)	22
Video compensation	23
Remote user video compensation	23
Remote user skew adjustment	24
Autoscanning	26
Saving and restoring configuration settings	27
What to do if the ADMIN password has been forgotten ...	29
Power switching configuration	30
Performing upgrades	31
Upgrading AdderView CATx 1000 units and CAMs	31

INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX



目录

介

- AdderView CATx 1000功能-前部和后部.....4
- 盒内有什么.....5
- 您可能还需要什么.....5

安装

- 正在安装.....6
- 连接.....7
 - 本地用户.....8
 - 远程用户（通过X100/X200扩展器）.....9
 - 计算机系统（通过CAM）.....10
 - 电源接通.....11
 - 电源控制端口.....12
 - 级联多个单元.....13
 - 级联连接单元.....14
 - 以级联方式处理计算机.....15
 - 使用级联计算机.....15
 - 多个视频头连接.....16
 - 远程切换控制.....17

配置

- 总体初始配置.....18
- 配置菜单.....19
 - 配置菜单布局.....20
- 常规安全和配置步骤.....20
- 注册用户（编辑用户列表）.....21
- 注册计算机（编辑计算机列表）.....22
- 视频补偿.....23
 - 远程用户视频补偿.....23
 - 远程用户偏斜调整.....24
- 自动扫描.....26
- 保存和恢复配置设置.....27
 - 如果忘记了ADMIN密码该怎么办.....29
- 电源切换配置.....30
- 执行升级.....31
 - 升级AdderView CATx 1000单元和CAM.....31

安装

配置

业务

其他资料

索引

Operation

Local and remote user access.....	33
Selecting a computer	33
User arbitration - simultaneous local and remote users.....	35
Logging in and out	36
Selecting cascaded computers	36
The confirmation box	37
The reminder banner.....	37
Power switching (via configuration menu)	38
User preferences and functions	38

Further information

Getting assistance.....	39
Appendix 1 – Configuration menus	40
Functions	41
User Preferences	42
Global Preferences.....	43
Setup Options	45
Advanced Options	46
Appendix 2 – Cable and connector specifications	48
RS232 serial flash upgrade cable	48
AdderView CATx 1000 to power switch cable	48
Power switch to power switch daisy chain cable	48
Multi-head synchronisation cable.....	48

Index



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

操作

本地和远程用户访问.....	33
选择计算机.....	33
用户仲裁-同步本地和远程用户.....	35
登录和退出.....	36
选择级联计算机.....	36
确认框.....	37
提醒栏.....	37
电源切换（通过配置菜单）.....	38
用户偏好和功能.....	38

进一步资料

获得援助.....	39
附录1-配置菜单.....	40
功能.....	41
用户首选项.....	42
全局首选项.....	43
设置选项.....	45
高级选项.....	46
附录2-电缆和连接器规格.....	48
RS232串行闪存升级电缆.....	48
AdderView CATx 1000至电源开关电缆.....	48
电源开关到电源开关的菊花链电缆.....	48
多头同步电缆.....	48

索引



安装

配置

业务

其他
资料

索引

Introduction



Thank you for choosing the AdderView CATx 1000 from Adder Technology. This compact unit has been created to allow a single operator to take full control of many computer systems.

Like the other models within the highly successful AdderView CATx family, this unit takes full advantage of category 5, 5e or 6 structured cabling to provide flexible installation and configuration. Every connected computer can be up to 10m (32 feet) from the AdderView CATx 1000, linked by a standard CATx cable and the ingenious CAM (Computer Access Module).

The AdderView CATx 1000 is available in two sizes, directly supporting eight or sixteen computers respectively. These numbers can be increased at any time thanks to the ability to connect other AdderView CATx 1000 units in cascade to provide a much larger network of controlled computers. Both models provide full enterprise level security to restrict access to authorised personnel.

Optional power switch control allows you to remotely perform a hard reset on any host system, no matter how badly it has locked up.

The user console can be either connected directly to the AdderView CATx 1000 unit or placed up to 300m (980 feet) away using either Adder X100 or X200 extenders and, once again, standard CATx cabling. In addition to providing the usual keyboard, video and mouse signals, the AdderView CATx 1000 also provides audio output for full feedback where necessary.

INSTALLATION

CONFIGURATION

OPERATION

FURTHER INFORMATION

INDEX

Remote user

A remote user can be linked, via an Adder X100 or X200 extender and category 5, 5e or 6 cabling, to a maximum distance of 300m (980 ft).

Local user

One user can be connected directly to the AdderView CATx 1000.

Dual users

When both a local and a remote user are connected, both consoles will see the same output, however, only one will be able to take control at any one time. Control is automatically relinquished by the current user two seconds after the last input action, whereupon either user can gain control. The control status is signified by the keyboard indicators at each console.

Many computers

AdderView CATx 1000 units can directly support either 8 or 16 computer systems. Multiple AdderView CATx 1000 units can also be cascaded to support a maximum of 256 computers.

Each system is linked using a Computer Access Module (CAM) and category 5, 5e or 6 cabling to a maximum distance of 10m (32 ft) from the AdderView CATx 1000 unit.

CAM formats

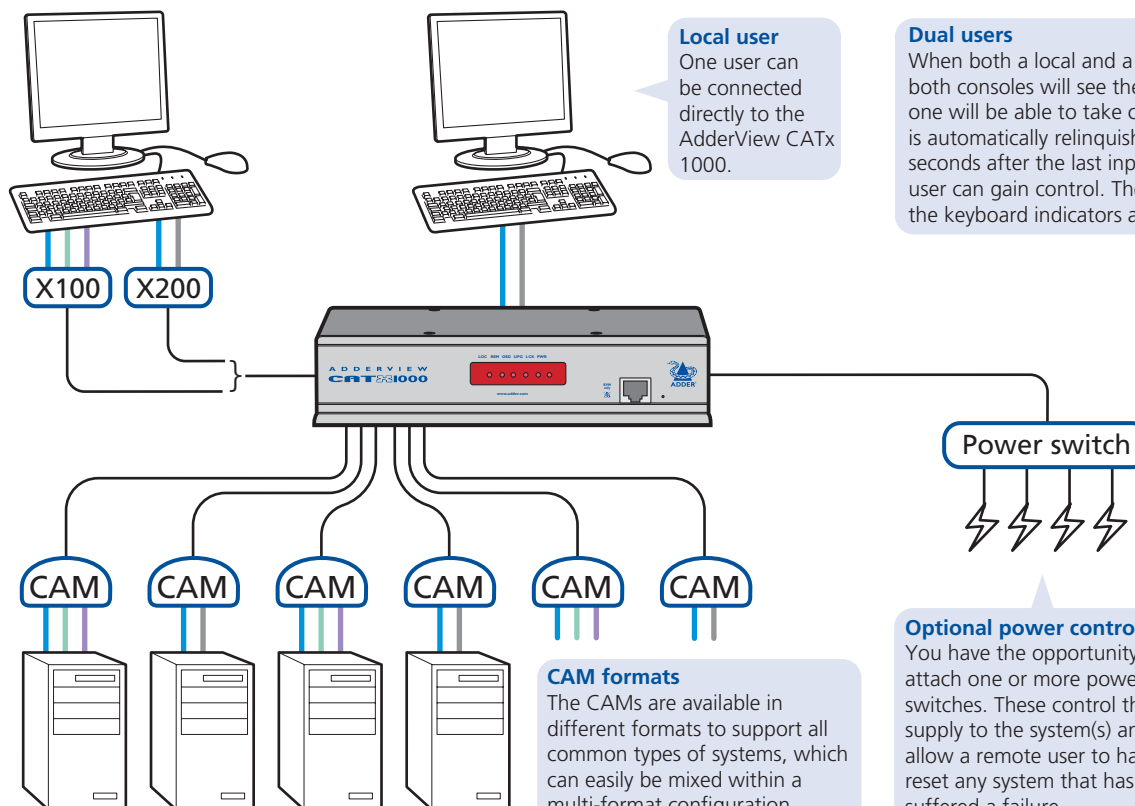
The CAMs are available in different formats to support all common types of systems, which can easily be mixed within a multi-format configuration.

Optional power control

You have the opportunity to attach one or more power switches. These control the supply to the system(s) and allow a remote user to hard reset any system that has suffered a failure.

Represents Video,
USB keyboard/mouse
& audio connections

Represents Video,
PS/2 keyboard/mouse
& audio connections



介

感谢您选择 Adder Technology 的 AdderView CATx 1000。这款紧凑型设备专为让单个操作员完全控制多个计算机系统而设计。

与非常成功的 AdderView CATx 系列中的其他型号一样，该设备充分利用了5类、5e类或6类结构化布线，以提供灵活的安装和配置。每个连接的计算机都可以距离 AdderView CATx 1000 最多10米(32英尺)，通过标准CATx电缆和巧妙的CAM（计算机访问模块）连接。

AdderView CATx 1000提供两种规格，分别支持8台或16台计算机。由于能够通过级联连接其他 AdderView CATx 1000 设备来扩展网络规模，这些数量可随时增加。两种型号均提供完整的企业级安全防护，仅限授权人员访问。

可选电源开关控件允许您对任何主机系统执行远程硬复位，无论其锁定程度有多严重。

用户控制台可直接连接到 AdderView CATx 1000 单元，也可使用 Adder X100 或 X200 扩展器和标准 CATx 电缆放置在距离300米(980英尺)以内的位置。除提供常规的键盘、视频和鼠标信号外，AdderView CATx 1000 还提供了必要的音频输出以实现完整反馈。

远程用户

通过 Adder X100 或 X200 扩展器和5类、5e类或6类电缆，最多可将一个远程用户连接到300米(980英尺)的距离。

本地用户

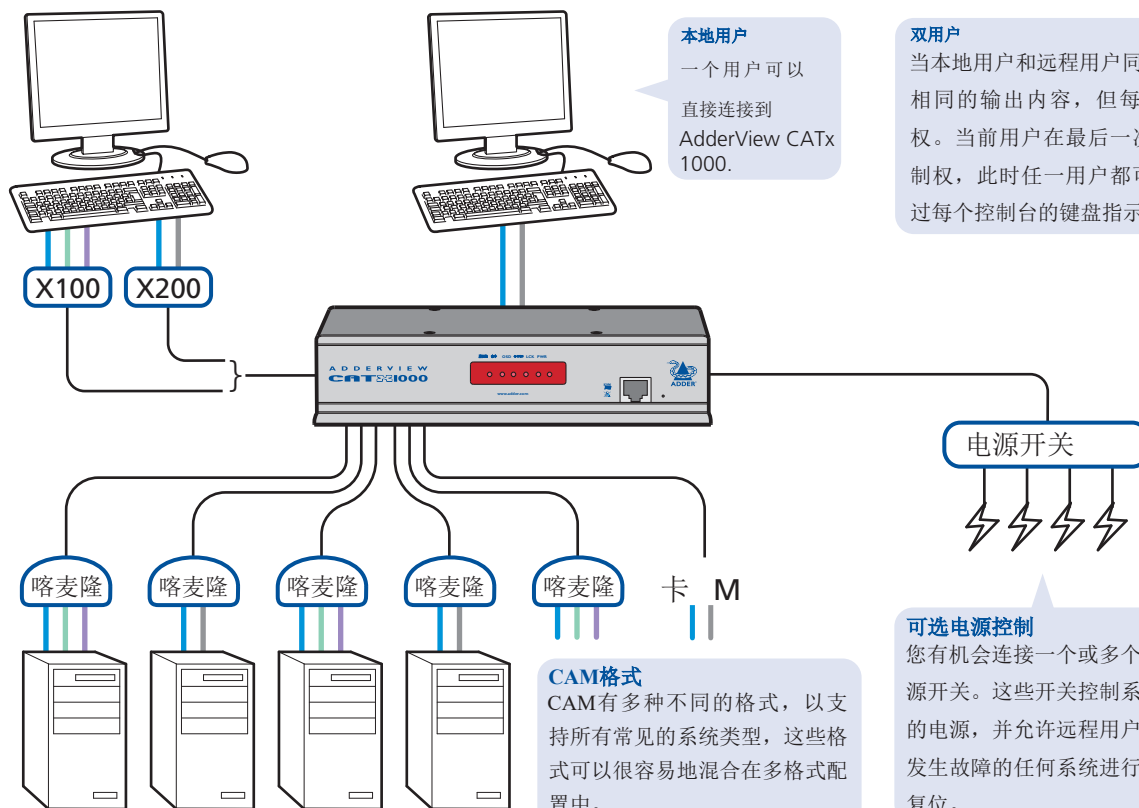
一个用户可以直接连接到 AdderView CATx 1000。

双用户

当本地用户和远程用户同时连接时，两个控制台会显示相同的输出内容，但每次只能有一个用户获得控制权。当前用户在最后一次输入操作后两秒自动放弃控制权，此时任一用户都可以获得控制权。控制状态通过每个控制台的键盘指示灯来显示。

多台计算机

AdderView CATx 1000 单元可直接支持8或16个计算机系统。多个 AdderView CATx 1000 单元也可以级联，以支持最多256台计算机。各系统通过计算机访问模块（CAM）和五类、5e或6类电缆相互连接，与 AdderView CATx 1000 单元之间的最大距离为10米(32英尺)。



可选电源控制

您有机会连接一个或多个电源开关。这些开关控制系统的电源，并允许远程用户对发生故障的任何系统进行硬复位。

表示视频， USB
键盘/鼠标
& 音频连接

 表示视频、PS/2 键
盘/鼠标和音频连接

安装

配置

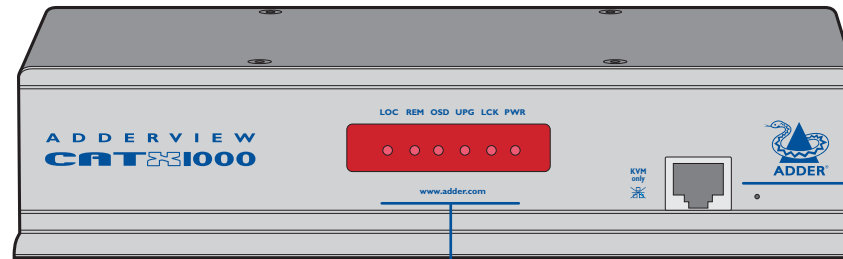
业务

其他
资料

索引

AdderView CATx 1000 features - front and rear

The AdderView CATx 1000 units pack a great deal of functionality into a compact space. Both models occupy half of a single 1U rack space and provide most of their connectors at the rear face. The smart front face features the remote user link port and the operation indicators.



Remote user port

This port can either be used to connect a single remote user (with an optional X100 or X200 extender module) at a distance of up to 300m or used to connect other AdderView CATx 1000 units in cascade.

IMPORTANT: This is not an Ethernet port and must not be connected to any network.

Indicators

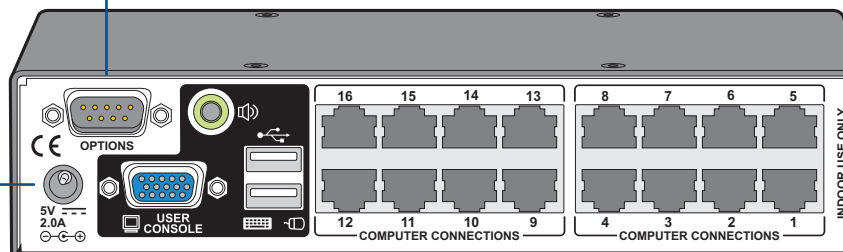
These six indicators clearly show the key aspects of operation:

- **LOC** Keyboard or mouse data are being received from the local console.
- **REM** Keyboard or mouse data are being received from the remote console.
- **OSD** Indicates that the on screen display is currently active.
- **UPG** Indicates that the unit is currently in upgrade mode.
- **LCK** Security mode enabled and no user logged in.
- **PWR** Power input indicator.

Options port

This RS232 serial port can separately support the following functions:

- Power switching - can be configured to control multiple power switching devices.
- Remote control switching - commands can be received that will change the channel, as necessary.
- Synchronisation - allows the actions of two or more AdderView CATx 1000 switches to be synchronised so that multiple computers/video screens can be switched and accessed.
- Upgrades - used to update the internal firmware when necessary by connecting to a computer.
- Transferring configuration settings - allows information about the connected computers to be saved and restored.



Power input
The power supply connects here.

Local user port

Connect a USB keyboard and mouse, plus a video monitor and optional speakers to these connectors. These allow you to perform the initial configuration of the AdderView CATx 1000. Additionally, you can use these to locally control the connected computer(s).

Computer ports

Each computer connects to one of these ports via standard category 5, 5e or 6 cabling. At the other end of the cabling a CAM (Computer Access Module) is used to provide the necessary keyboard, video, mouse and optional speaker connections.

INSTALLATION

CONFIGURATION

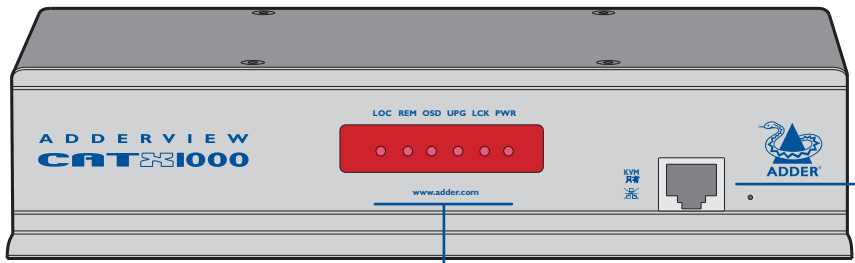
OPERATION

FURTHER INFORMATION

INDEX

AdderView CATx 1000功能-前部和后部

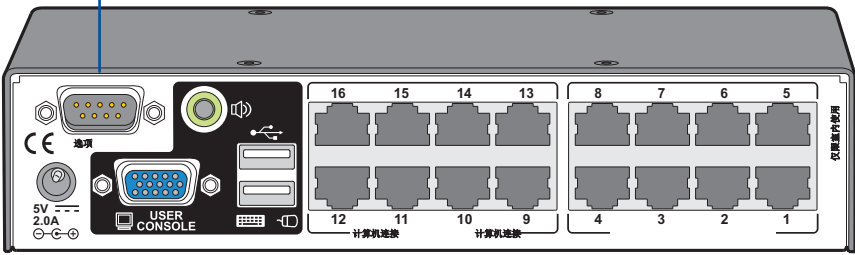
AdderView CATx 1000系列设备将大量功能集成在一个紧凑的空间内。两个型号都只占用单个1U机架空间的一半，并且大部分连接器位于后表面。智能前面板具有远程用户链路端口和操作指示器。



远程用户端口
此端口既可以用于连接距离不超过300m的单个远程用户（可选配X100或X200扩展器模块），也可以用于连接其他AdderView CATx 1000单元，以级联方式使用。
重要提示：这不是以太网端口，不得连接到任何网络。

- 指标**
这六个指标清楚地表明了运作的关键方面：
- 正在从本地控制台接收**LOC**键盘或鼠标数据。
 - 正在从远程控制台接收**REM**键盘或鼠标数据。
 - **OSD**表示屏幕显示当前处于活动状态。
 - **UPG**表示该单元当前处于升级模式。
 - 已启用**LCK**安全模式，且没有用户登录。
 - **PWR**功率输入指示灯。

- 选项端口**
该RS232串口可单独支持以下功能：
- 电源开关-可配置为控制多个电源开关设备。
 - 遥控器开关-可接收命令，根据需要改变频道。
 - 同步——允许两个或多个AdderView CATx 1000交换机的操作同步，以便切换和访问多台计算机/视频屏幕。
 - 升级——通过连接计算机，用于在必要时更新内部固件。
 - 传输配置设置——允许提供有关连接的详细信息，计算机将被保存和恢复。



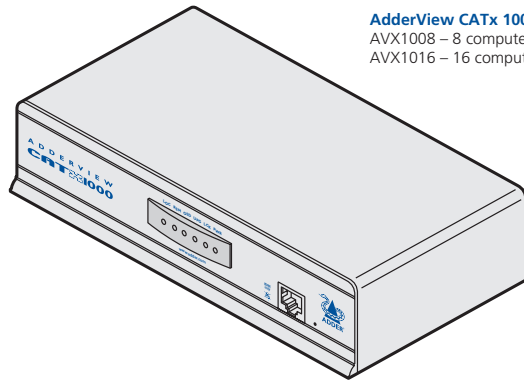
电源输入
电源在此处连接。

本地用户端口
将USB键盘和鼠标，以及视频监视器和可选的扬声器连接到这些接口。这些接口允许您执行AdderView CATx 1000的初始配置。此外，您还可以使用这些接口来本地控制所连接的计算机(s)。

计算机端口
每台计算机通过标准的五类、5e或6类电缆连接到这些端口中的一个。在电缆的另一端使用CAM（计算机访问模块）来提供必要的键盘、视频、鼠标和可选的扬声器连接。

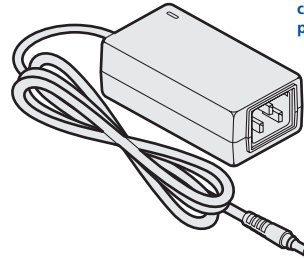
安装
配置
业务
其他资料
索引

What's in the box

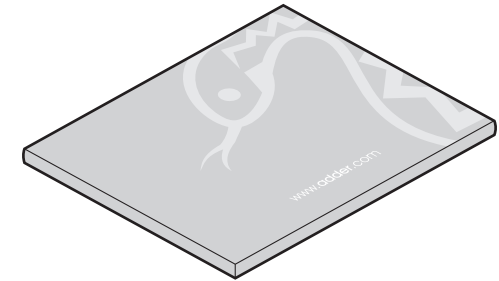
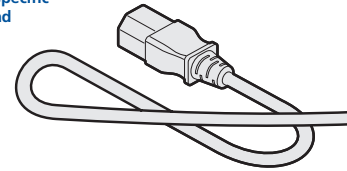


AdderView CATx 1000

AVX1008 – 8 computer connections, 1 local console connection, 1 remote user connection
AVX1016 – 16 computer connections, 1 local console connection, 1 remote user connection

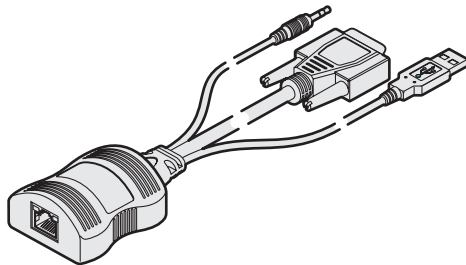


10W power
adapter and
country- specific
power lead



Information wallet
containing:
Four self-adhesive rubber feet
Safety document

What you may additionally need



Computer Access Modules

One required per connected computer. There are five different formats, depending on the required computer connections:

PS/2-style

Connectors: Analog video, PS/2-style keyboard and PS/2-style mouse.

Part number: CATX-PS2

PS/2-style with audio

Connectors: Analog video, PS/2-style keyboard, PS/2-style mouse and 3.5mm audio jack.

Part number: CATX-PS2A

USB

Connectors: Analog video and USB keyboard/mouse.

Part number: CATX-USB

USB with audio

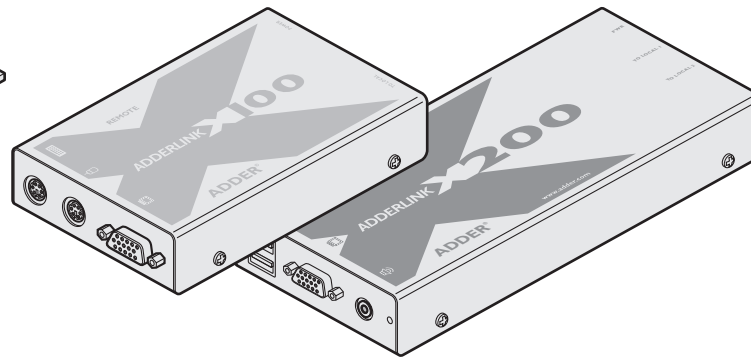
Connectors: Analog video, USB keyboard/mouse and 3.5mm audio jack.

Part number: CATX-USB A

Sun with audio

Connectors: Analog video, Sun keyboard/mouse and 3.5mm audio jack.

Part number: CATX-SUNA



Adder X100/X200 extenders

One extender required per remote user. X200 units are similar to X100 except that they can accommodate a second link to another switch or computer. X200 units also have USB connections rather than PS/2-style keyboard and mouse ports. Three different variants are available for each X100 or X200 unit - AS/R variants have audio and video skew circuitry to overcome extreme video degradation problems. A/R variants lack the skew circuitry and R variants do not have skew circuitry or audio. Each module is supplied with its own power adapter and country-specific power lead.

Adder X100/R

Connectors: Analog video, PS/2-style keyboard and PS/2-style mouse.

Part number: X100R

Adder X100A/R

Connectors: Analog video, PS/2-style keyboard, PS/2-style mouse and 3.5mm audio jack.

Part number: X100A/R

Adder X100AS/R

Connectors: Analog video, PS/2-style keyboard, PS/2-style mouse and 3.5mm audio jack.

Includes additional skew compensation features.

Part number: X100AS/R

Adder X200/R

Connectors: Analog video, USB keyboard and USB mouse.

Part number: X200R

Adder X200A/R

Connectors: Analog video, USB keyboard, USB mouse and 3.5mm audio jack.

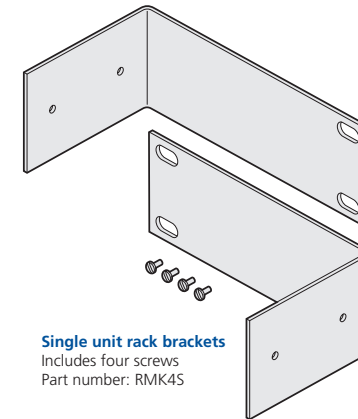
Part number: X200A/R

Adder X200AS/R

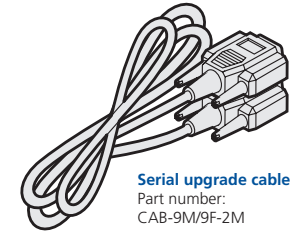
Connectors: Analog video, USB keyboard, USB mouse and 3.5mm audio jack.

Includes additional skew compensation features.

Part number: X200AS/R

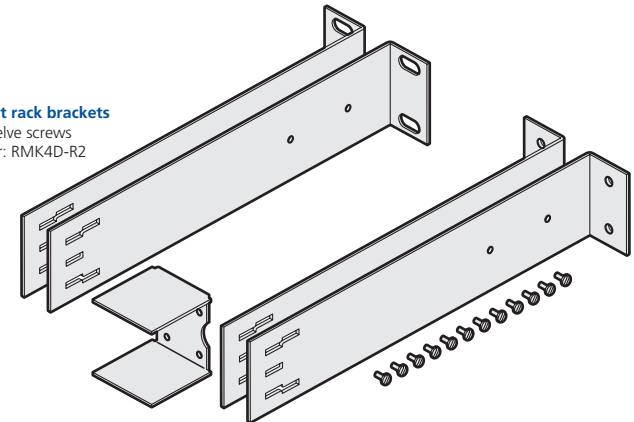


Single unit rack brackets
Includes four screws
Part number: RMK4S



Serial upgrade cable
Part number:
CAB-9M/9F-2M

Double unit rack brackets
Includes twelve screws
Part number: RMK4D-R2



INSTALLATION

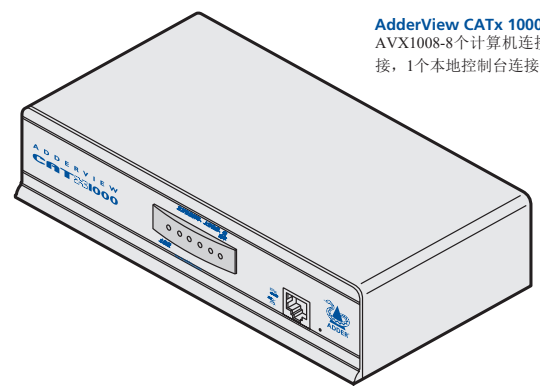
CONFIGURATION

OPERATION

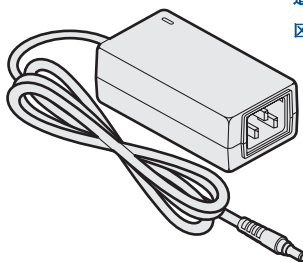
FURTHER
INFORMATION

INDEX

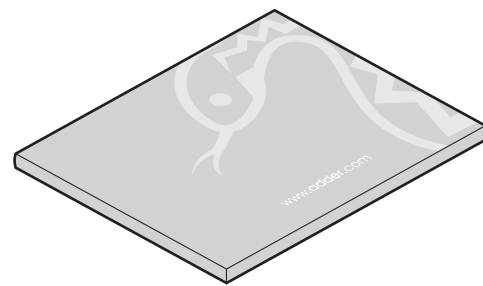
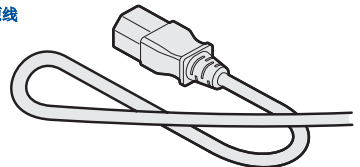
盒内有什么



AdderView CATx 1000
AVX1008-8个计算机连接, 1个本地控制台连接, 1个远程用户连接AVX1016-16个计算机连接, 1个本地控制台连接, 1个远程用户连接

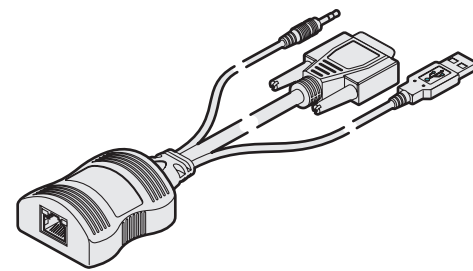


10W功率
适配器和国家/地
区专用电源线



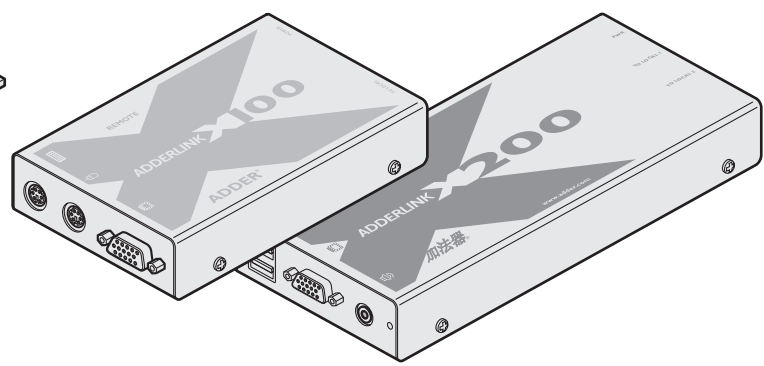
信息钱包
控制
四个自粘橡胶脚垫安全文件

您可能还需要什么



计算机访问模块
每台连接的计算机需要一个。根据所需的计算机连接, 有五种不同的格式:

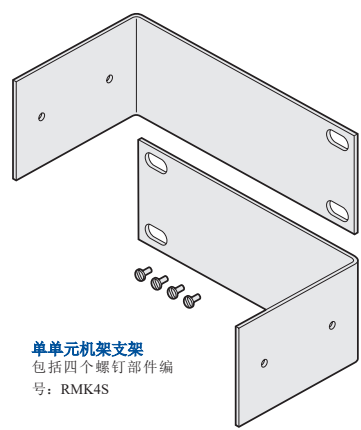
- PS/2-风格**
连接器: 模拟视频、PS/2式键盘和PS/2式鼠标。
部件号: CATX-PS2
- 带音频的PS/2风格**
连接器: 模拟视频、PS/2式键盘、PS/2式鼠标和3.5 mm 音频插孔。
部件号: CATX-PS2A
- 统一的S波脱**
连接器: 模拟视频和USB键盘/鼠标。
部件号: CATX-USB
- 带音频的USB**
连接器: 模拟视频、USB键盘/鼠标和3.5mm 音频插孔。
部件号: CATX-USBA
- 打开太阳的音频**
连接器: 模拟视频、Sun 键盘/鼠标和3.5mm 音频插孔。
部件号: CATX-SUNA



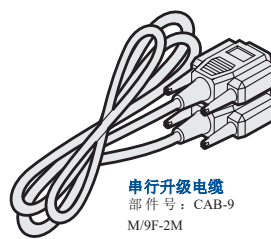
Adder X100/X200扩展器
每个远程用户需配备一个扩展器。X200设备与X100类似, 但支持连接另一台交换机或计算机的第二条链路。X200设备采用USB接口替代传统的PS/2式键盘鼠标端口。X100和X200设备提供三种不同型号: AS/R型配备音视频信号偏斜电路, 可有效解决严重画质失真的问题; A/R型未配备该电路; R型则既无偏斜电路也无音频接口。每套设备均附带专用电源适配器及对应国家的电源线。

- Adder X100/R**
连接器: 模拟视频、PS/2式键盘和PS/2式鼠标。
部件号: X100R
- 添加剂X100A/R**
连接器: 模拟视频、ps/2式键盘、ps/2式鼠标和3.5 mm 音频插孔。
部件号: X100A/R
- 添加剂X100AS/R**
连接器: 模拟视频、ps/2式键盘、ps/2式鼠标和3.5 mm 音频插孔。包括额外的倾斜补偿功能。
部件号: X100AS/R

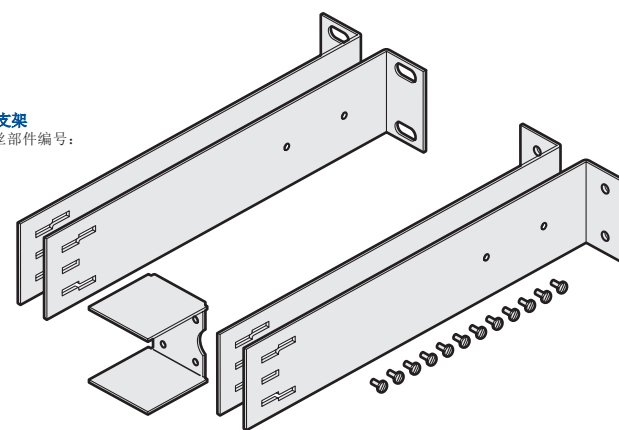
- Adder X200/R**
连接器: 模拟视频、USB 键盘和USB鼠标。
部件号: X200R
- 添加剂X200A/R**
连接器: 模拟视频、USB 键盘、USB鼠标和3.5mm 音频插孔。
部件号: X200A/R
- 添加剂X200AS/R**
连接器: 模拟视频、USB 键盘、USB鼠标和3.5毫米的音频插孔。包括额外的倾斜补偿功能。
部件号: X200AS/R



单单元机架支架
包括四个螺钉部件编号: RMK4S



串行升级电缆
部件号: CAB-9
M/9F-2M



双单元机架支架
包括12枚螺丝部件编号: RMK4D-R2

安装
配置
业务
其他资料
索引

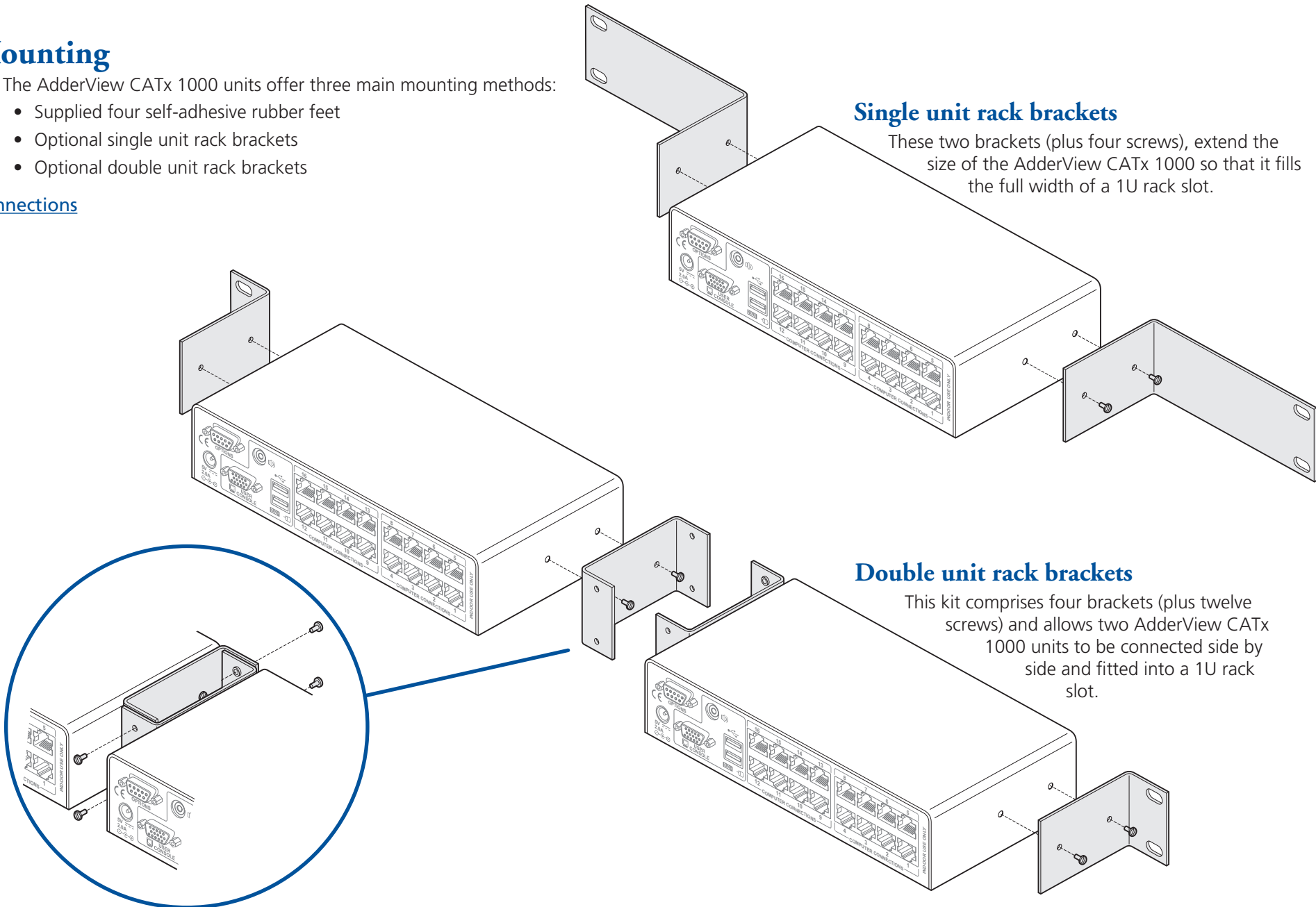
Installation

Mounting

The AdderView CATx 1000 units offer three main mounting methods:

- Supplied four self-adhesive rubber feet
- Optional single unit rack brackets
- Optional double unit rack brackets

Connections



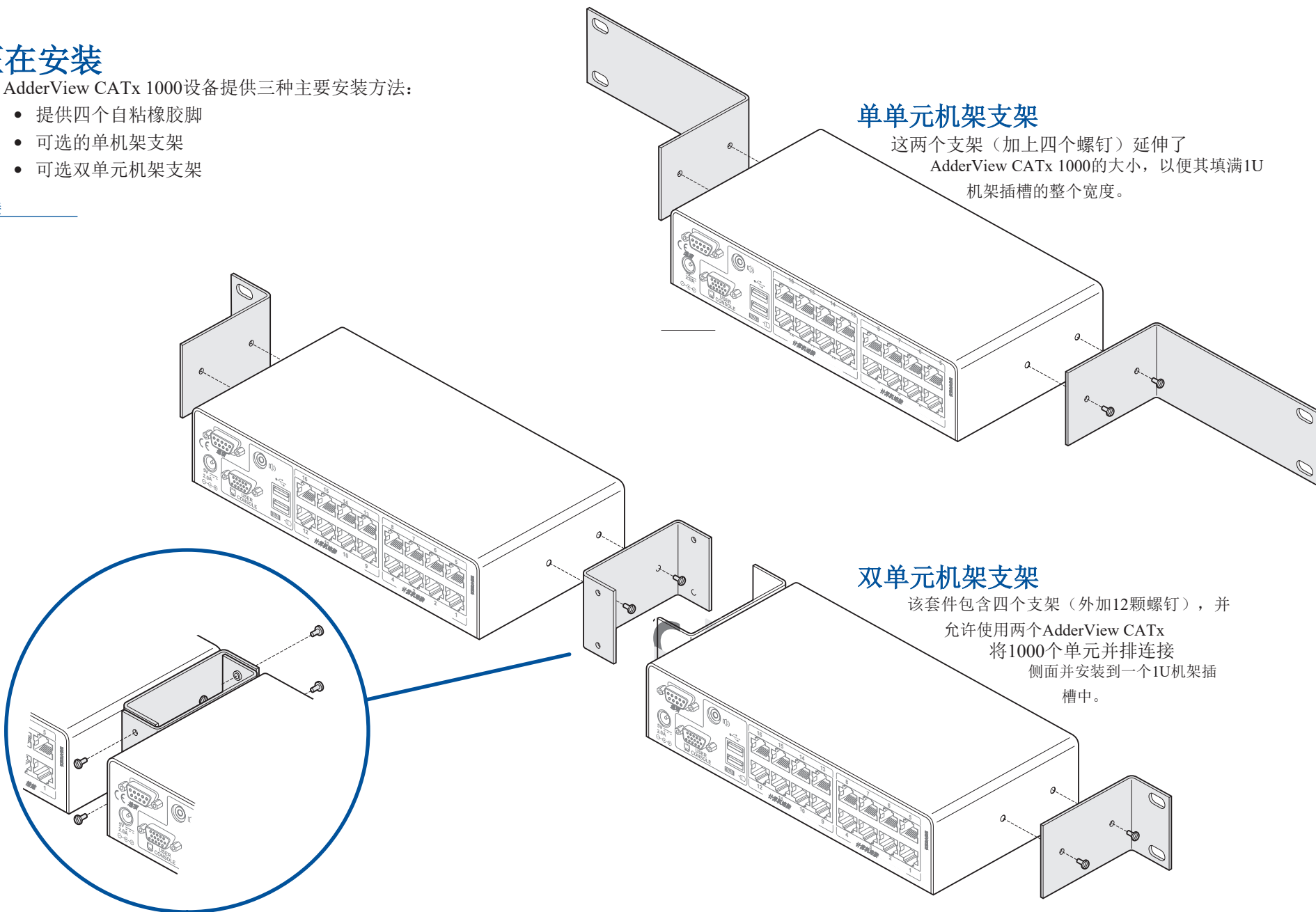
安装

正在安装

AdderView CATx 1000设备提供三种主要安装方法：

- 提供四个自粘橡胶脚
- 可选的单机架支架
- 可选双单元机架支架

[连接](#)



单单元机架支架

这两个支架（加上四个螺钉）延伸了AdderView CATx 1000的大小，以便其填满1U机架插槽的整个宽度。

双单元机架支架

该套件包含四个支架（外加12颗螺钉），并允许使用两个AdderView CATx将1000个单元并排连接侧面并安装到一个1U机架插槽中。

配置

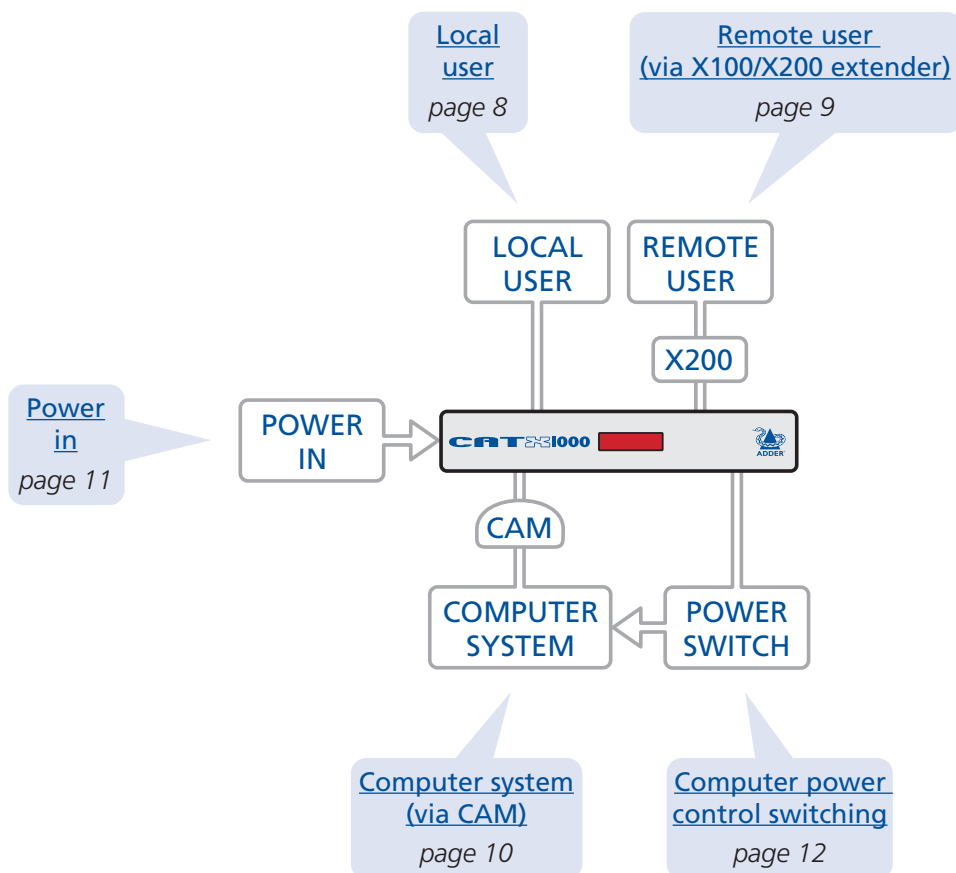
业务

其他资料

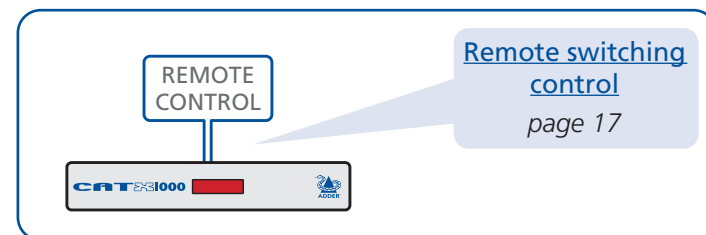
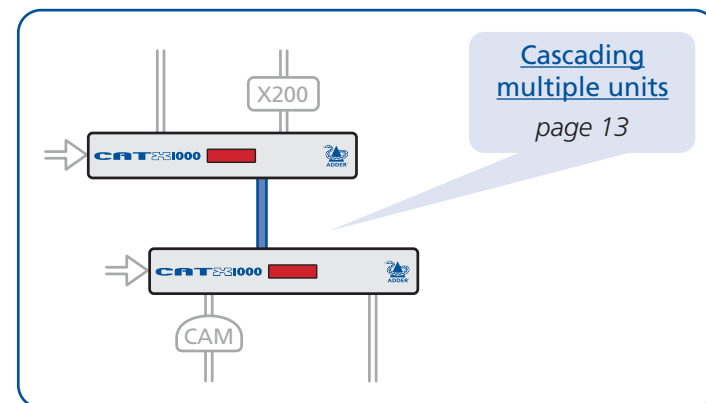
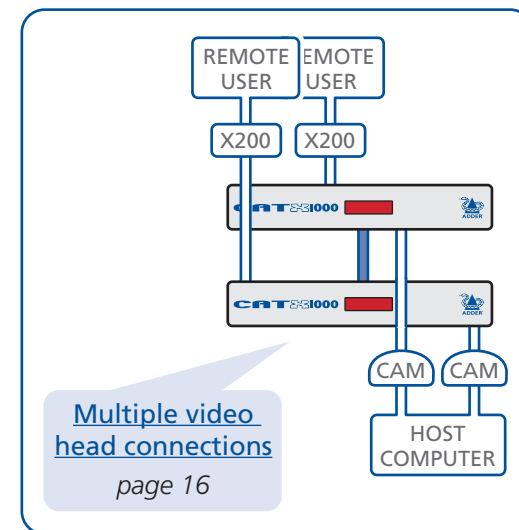
索引

Connections

The AdderView CATx 1000 provides a great deal of flexibility in its configurations. This chapter details the various connections that can be made to achieve the required installation.



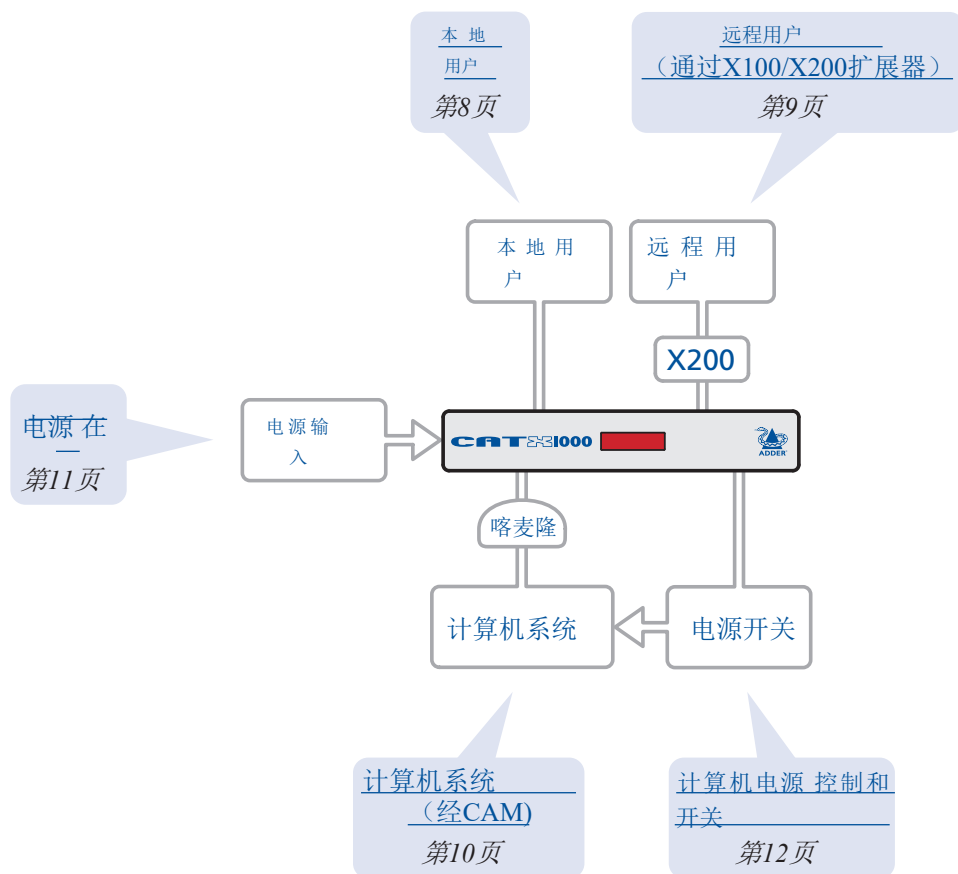
Connections do not need to be carried out in the order given within this guide, however, where possible connect the power in as a final step.



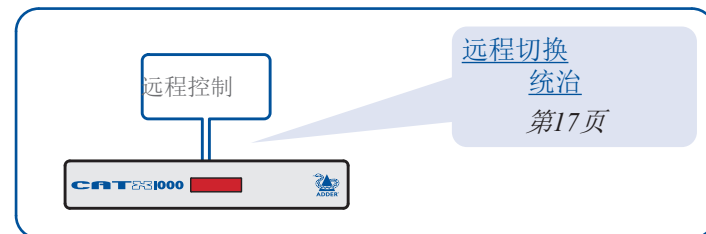
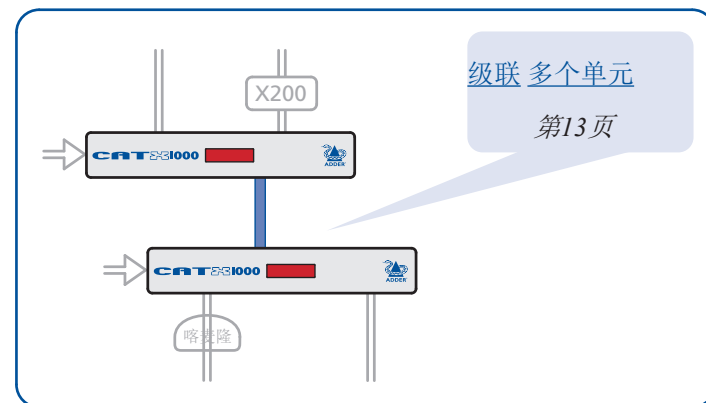
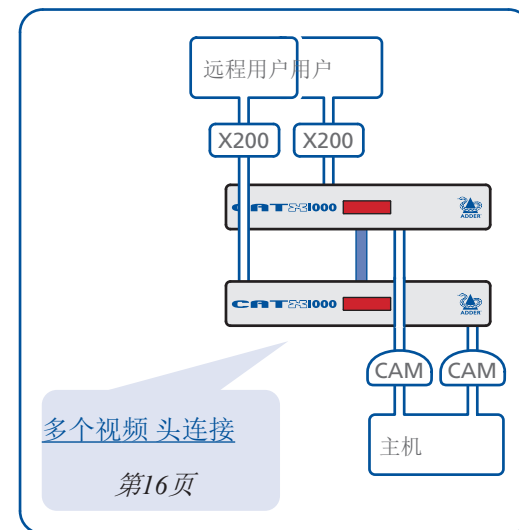
INSTALLATION
CONFIGURATION
OPERATION
FURTHER INFORMATION
INDEX

连接

AdderView CATx 1000在配置方面提供了极大的灵活性。本章详细介绍了可用来实现所需安装的各种连接。



不过，连接不需要按照本指南中给出的顺序进行，只要有可能，将电源连接作为最后一步。



安装

配置

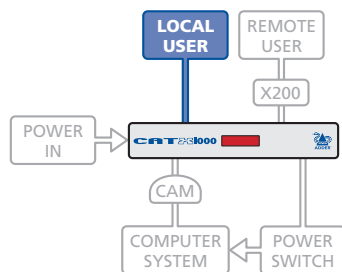
业务

其他资料

索引

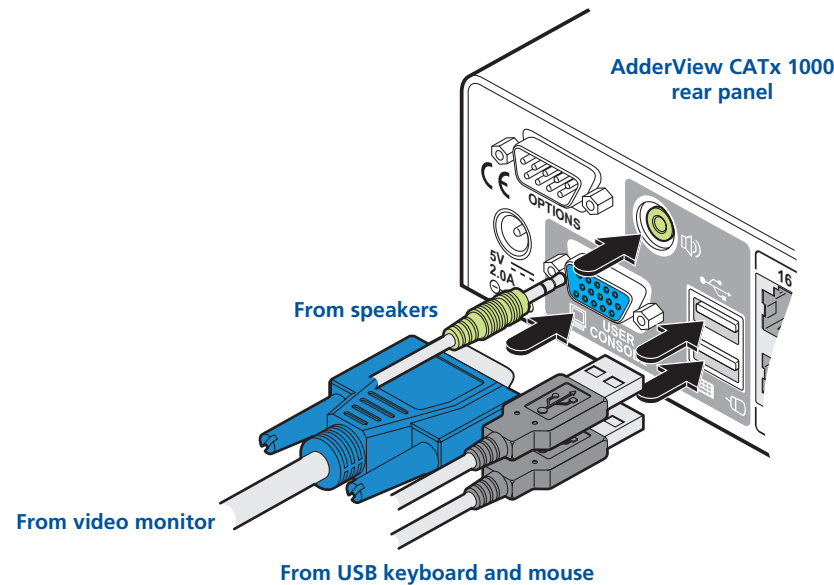
Local user

A locally connected video monitor, keyboard (and mouse) are required during the initial configuration. These are also useful during normal use to allow quick local control of any connected computer systems. The AdderView CATx 1000 unit directly supports USB style keyboards and mice. An audio port is also provided for locally connected speakers, if required.



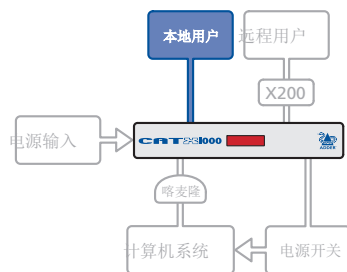
To connect the local user port

- 1 Position a suitable video monitor, keyboard, mouse (and speakers, if required) in the vicinity of the AdderView CATx 1000 unit such that their cables will easily reach.
- 2 Attach the video monitor, keyboard, mouse (and speaker) connectors to the sockets, collectively labelled as **USER CONSOLE**, at the rear of the AdderView CATx 1000 unit.



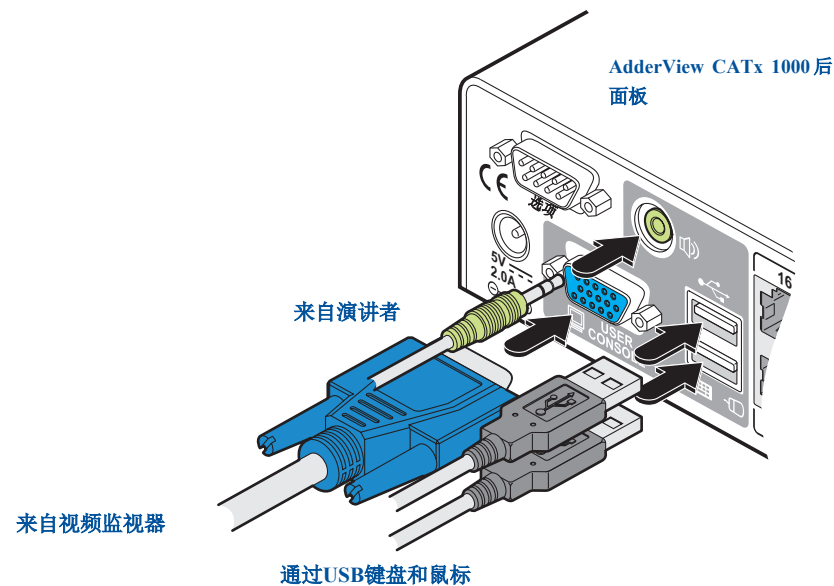
本地用户

在初始配置过程中需要本地连接的视频监视器、键盘（和鼠标）。这些设备在正常使用时也很有用，允许快速本地控制任何连接的计算机系统。AdderView CATx 1000单元直接支持USB风格的键盘和鼠标。如果需要，还提供一个音频端口用于本地连接的扬声器。



连接本地用户端口

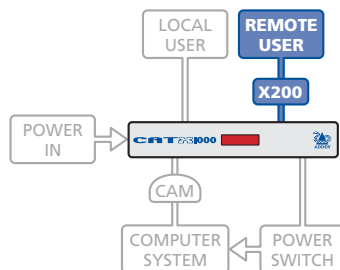
- 1 在AdderView CATx 1000装置附近放置合适的视频监视器、键盘、鼠标（如果需要，还可以放置扬声器），以便其电缆易于触及。
- 2 将视频监视器、键盘、鼠标（和扬声器）连接器连接到AdderView CATx 1000装置后部标有USER CONSOLE的插座上。



Remote user (via X100/X200 extender)

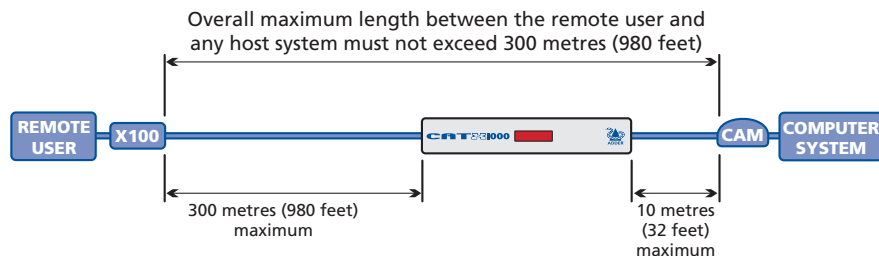
One user can be placed a maximum of 300 metres (980 feet) from the AdderView CATx 1000 unit. The remote user is connected via an Adder X100 or X200 extender module and suitable category 5, 5e or 6 cabling (with no crossover).

Note: It is not possible to connect a remote user while the unit is cascaded to another unit.



Cable lengths for remote user locations

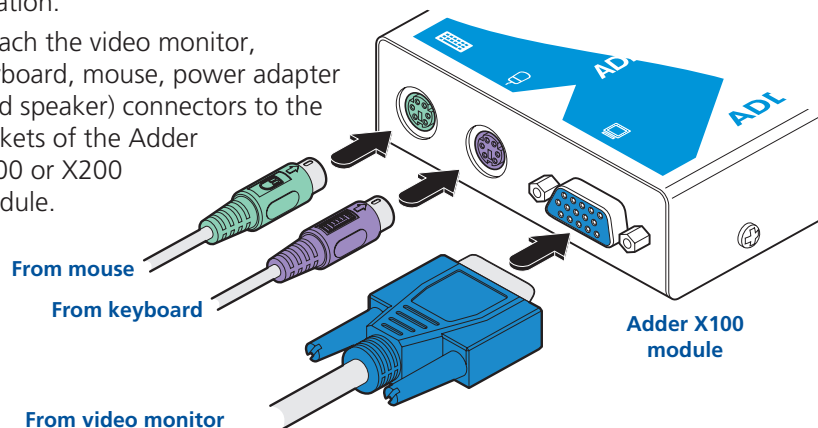
The maximum length of cable between the remote user and the AdderView CATx 1000 unit can be up to 300 metres (980 feet). However, bear in mind that the overall distance between the remote user and any computer system must not exceed 300 metres (980 feet).



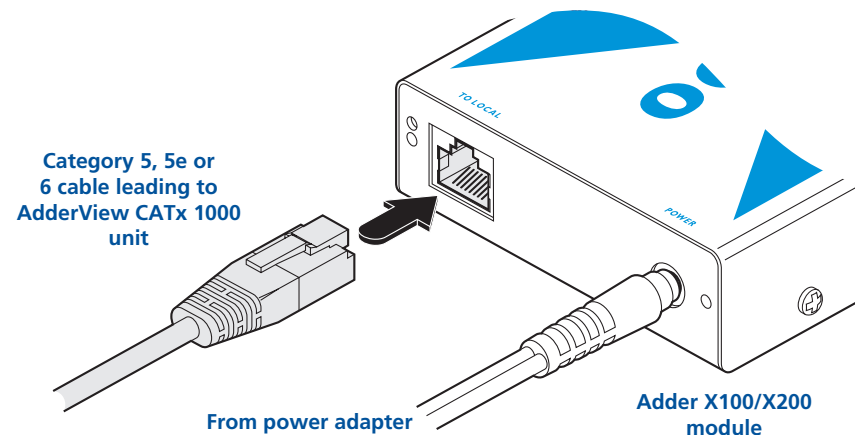
In situations where any computer system will be placed a significant distance from the AdderView CATx 1000 unit, ensure that the distance to any remote user is similarly less than 300 metres (980 feet).

To connect a remote user

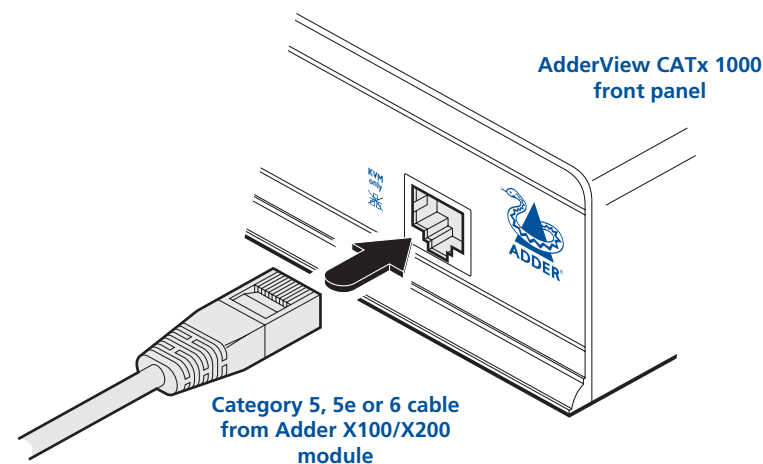
- 1 Place an Adder X100 or X200 extender unit adjacent to the remote user location.
- 2 Attach the video monitor, keyboard, mouse, power adapter (and speaker) connectors to the sockets of the Adder X100 or X200 module.



- 3 Lay a suitable length of category 5, 5e or 6 cabling between the Adder X100/X200 module and the AdderView CATx 1000 unit. Please refer to the section *Cable lengths for remote user locations* opposite.
- 4 Attach the connector of the cable run to the socket of the Adder X100/X200.



- 5 At the other end of the cable run, attach the cable connector to the socket on the front panel of the AdderView CATx 1000 unit.



- 6 Where necessary, use the in-built video compensation feature of the Adder X100/X200 module to eliminate any effects caused by the cable run.



INSTALLATION

CONFIGURATION

OPERATION

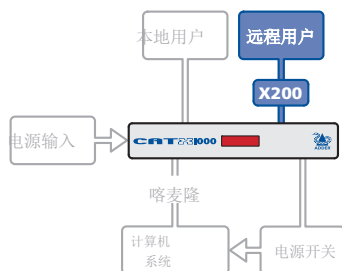
FURTHER INFORMATION

INDEX

远程用户（通过X100/X200扩展器）

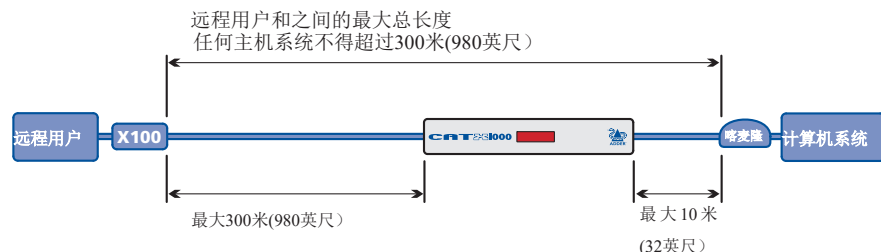
一个用户可以放置在距离AdderView CATx 1000单元最多300米(980英尺)处。远程用户通过Adder X100或X200扩展器模块和合适的5类、5e类或6类电缆（无交叉线）连接。

注：当设备级联到另一个设备时，无法连接远程用户。



用于远程用户位置的电缆长度

远程用户和AdderView CATx 1000单元之间的电缆最大长度可达300米(980英尺)。但是，请注意，远程用户和任何计算机系统之间的总距离不得超过300米(980英尺)。

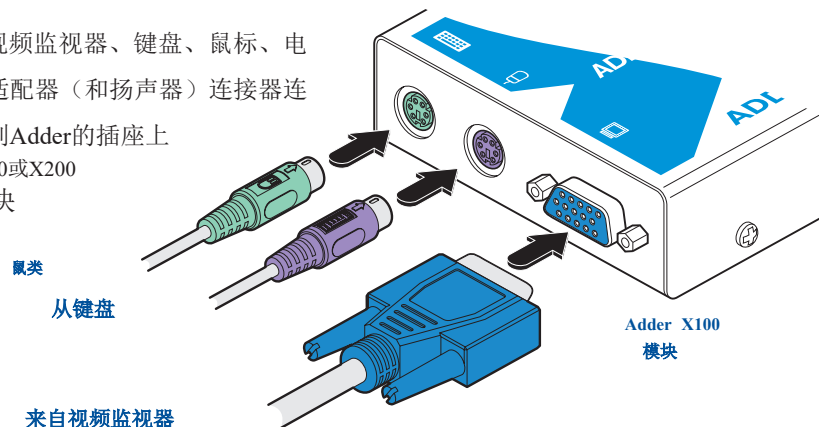


如果任何计算机系统与AdderView CATx 1000单元的距离较远，请确保与任何远程用户的距离同样小于300米(980英尺)。

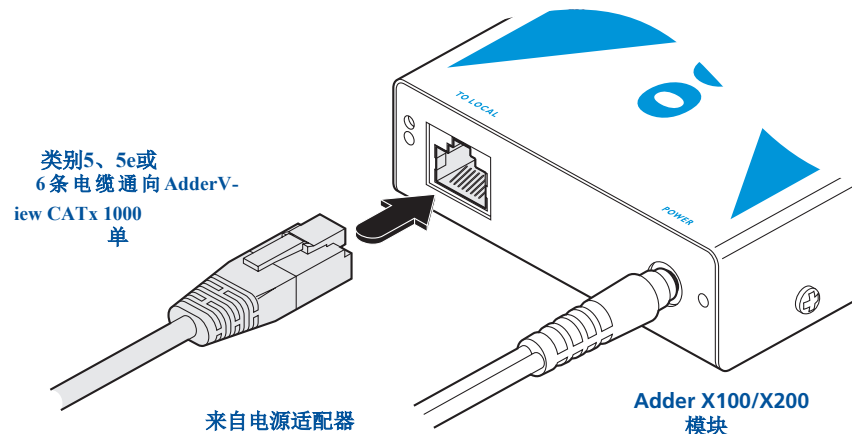
连接远程用户

1 将Adder X100或X200扩展器单元放置在远程用户位置附近。

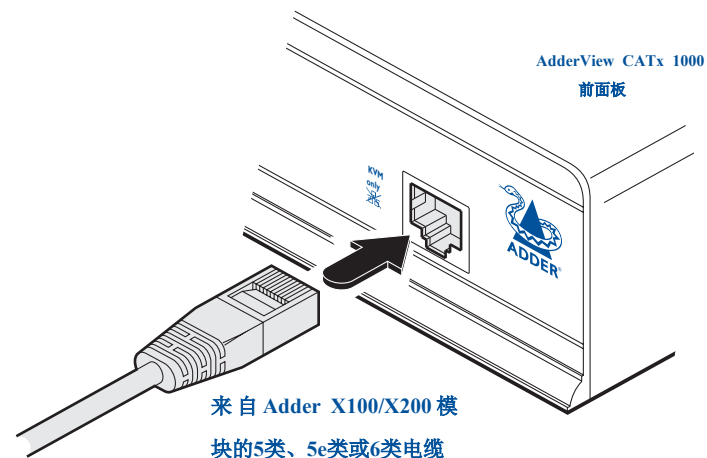
2 将视频监视器、键盘、鼠标、电源适配器（和扬声器）连接器连接到Adder的插座上X100或X200模块



- 3 在Adder X100/X200模块和AdderView CATx 1000单元之间铺设适当长度的5类、5e类或6类电缆。请参阅对面远程用户端的电缆长度部分。
- 4 将电缆的接头连接到Adder X100/X200的插座上。



- 5 在电缆走线的另一端，将电缆连接器连接到AdderView CATx 1000单元前面板上的插座。

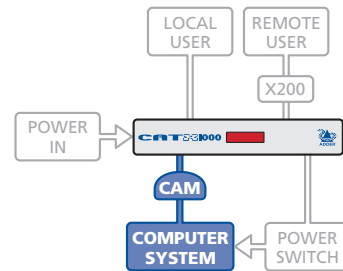


- 6 必要时，使用Adder X100/X200模块的内置视频补偿功能来消除由电缆敷设造成的任何影响。

Computer system (via CAM)

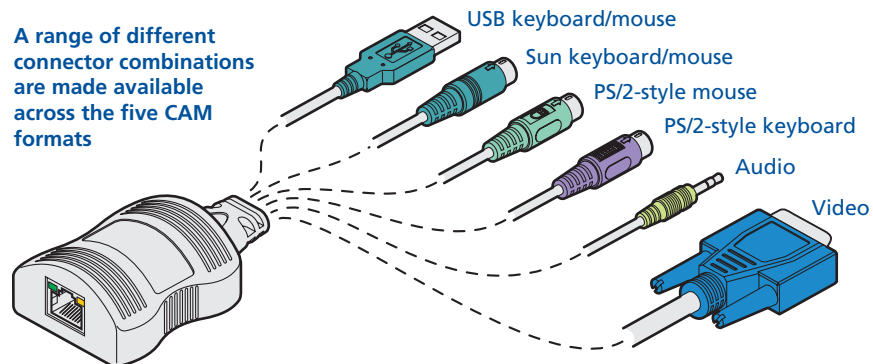
Each computer system is connected to the AdderView CATx 1000 unit via a Computer Access Module (CAM) and standard category 5, 5e or 6 cabling. CAMs are available in various formats to suit differing computer system types and their particular connector styles.

Each CAM uses Adder Keep Alive technology to ensure that the keyboard and mouse inputs to the computer remain active, even when the particular channel is not selected. This action ensures that there are no connection delays or problems as the port is selected.



To connect a computer system

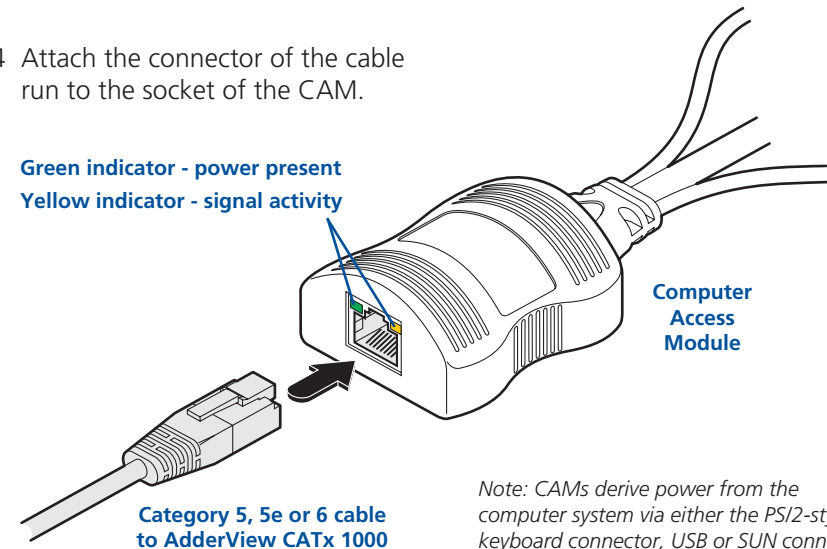
- 1 Ensure that power is disconnected from the AdderView CATx 1000 unit and the system to be connected.
- 2 Locate the required CAM (there are five types available) and attach its video, keyboard and mouse (PS/2-style, USB or Sun) and optional audio connectors to the relevant sockets on the computer system.



- 3 Lay a suitable length of category 5, 5e or 6 cabling between the computer system and the AdderView CATx 1000 unit. The maximum length of the cable can be up to 10 metres (32 feet), however, bear in mind that the overall distance between a remote user and any computer must not exceed 300 metres (980 feet).

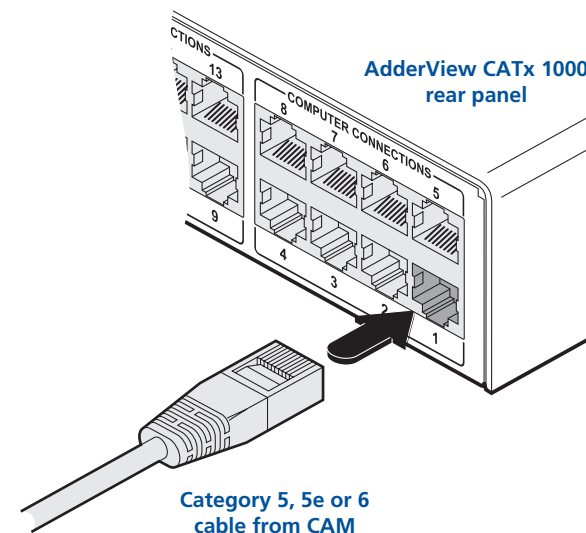
- 4 Attach the connector of the cable run to the socket of the CAM.

Green indicator - power present
Yellow indicator - signal activity



Note: CAMs derive power from the computer system via either the PS/2-style keyboard connector, USB or SUN connector.

- 5 At the other end of the cable run, attach the cable connector to one of the sockets labelled COMPUTER CONNECTIONS on the rear panel of the AdderView CATx 1000 unit.



Note: Each CAM is specifically shaped so that it can be secured using a cable tie around its middle. In this way, two CAMs can also be neatly joined together, back-to-back.



INSTALLATION

CONFIGURATION

OPERATION

FURTHER INFORMATION

INDEX

计算机系统（通过CAM）

每台计算机系统通过计算机访问模块（CAM）和

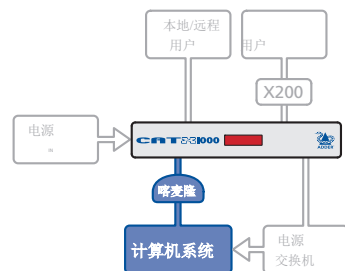
标准类别5，连接到AdderView CATx 1000单元，

5e或6类布线。CAM是 有各种各样的可用选项格式适合不同的计算机系统类型及其特定的连接器样式。

每个CAM都使用Adder Keep Alive技术，以确保

计算机的键盘和鼠标输入保持活跃，即使在

未选择特定通道。此操作可确保在选择端口时不会出现连接延迟或问题。

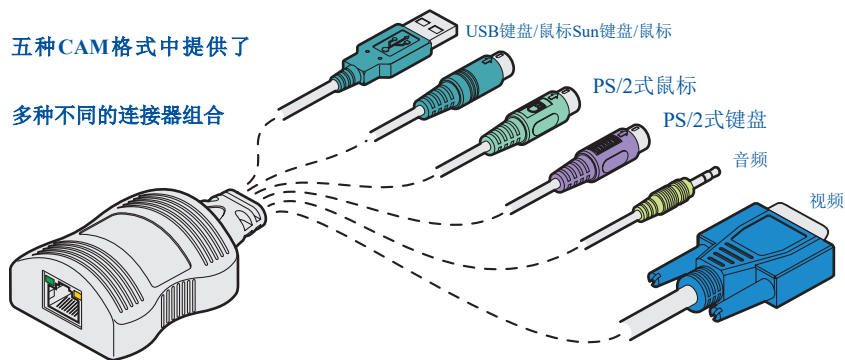


连接计算机系统

- 1 确保切断AdderView CATx 1000装置和待连接系统的电源。
- 2 找到所需的CAM（有五种类型），并将它的视频、键盘和鼠标（PS/2式、USB或Sun）以及可选的音频连接器连接到计算机系统上的相关插口。

五种CAM格式中提供了

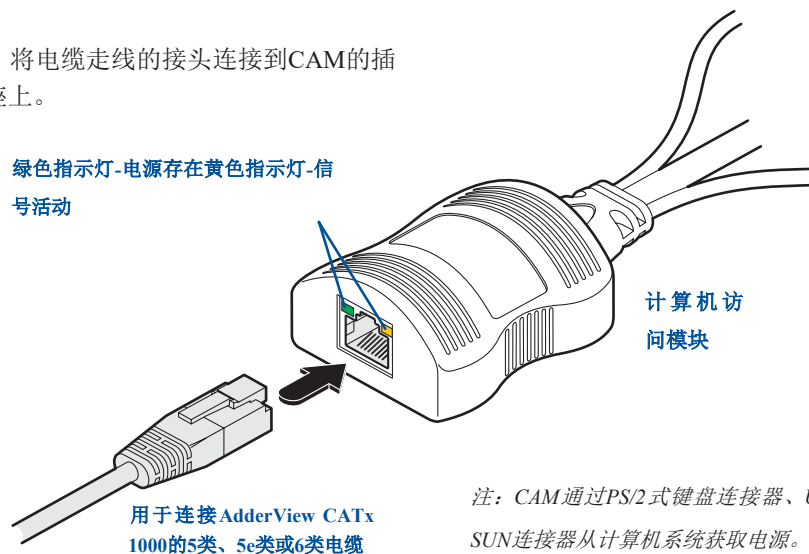
多种不同的连接器组合



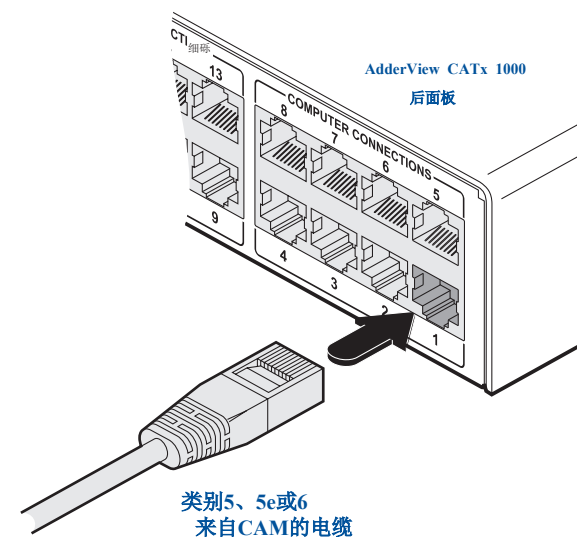
- 3 在计算机系统和AdderView CATx 1000设备之间铺设一段长度适当的5类、5e类或6类电缆。电缆的最大长度可达10米(32英尺)，但请注意，远程用户与任何计算机之间的总距离不得超过300米(980英尺)。

- 4 将电缆走线的接头连接到CAM的插座上。

绿色指示灯-电源存在黄色指示灯-信号活动



- 5 在电缆走线的另一端，将电缆连接器连接到AdderView CATx 1000单元后面板上标记为COMPUTER CONNECTIONS的插座之一。



注意：每个CAM都有特殊形状，可以用一根扎带在中间固定。这样，两个CAM也可以背对背整齐地连接在一起。



安装

配置

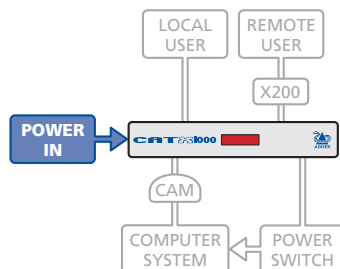
业务

其他资料

索引

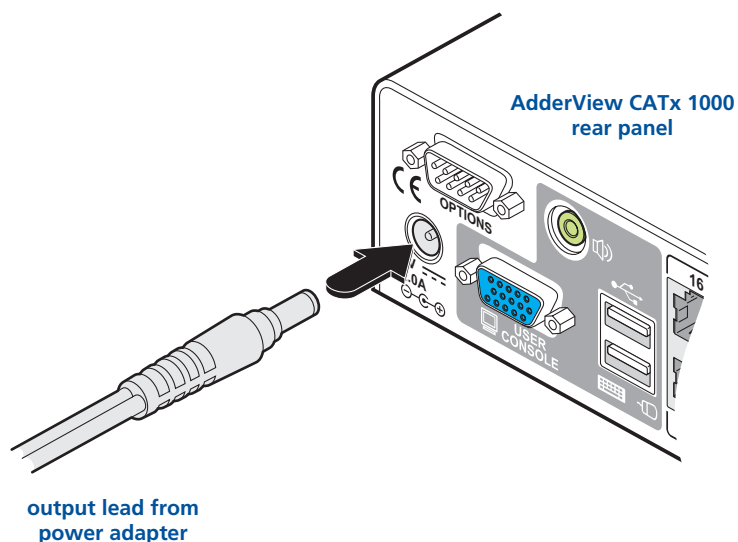
Power in connection

The AdderView CATx 1000 unit is supplied with a standard 10W power adapter. There is no on/off switch on the unit, so operation begins as soon as a power adapter is connected.

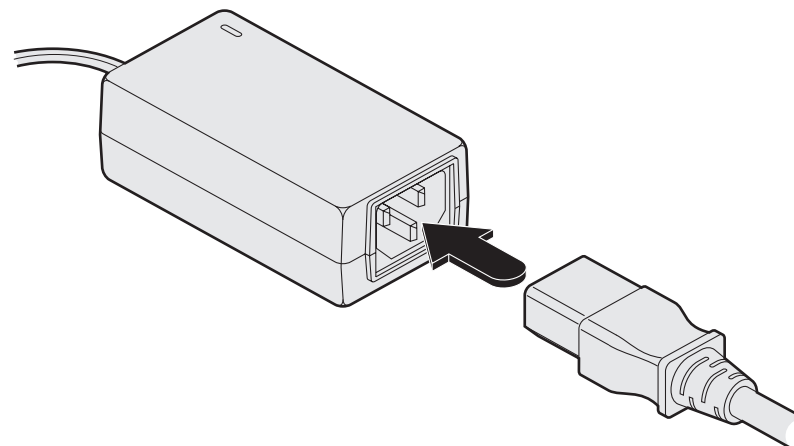


To connect the power supply

- 1 Attach the output lead from the power adapter to the 5V socket on the rear panel of the AdderView CATx 1000.



- 2 Connect the IEC connector of the supplied country-specific power lead to the socket of the power adapter.

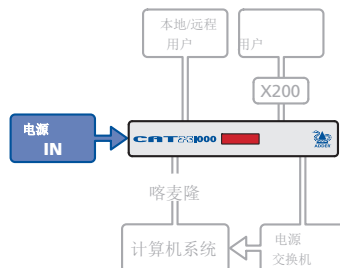


- 3 Connect the power lead to a nearby main supply socket.

Note: Both the AdderView CATx 1000 and its power supply generate heat when in operation and will become warm to the touch. Do not enclose them or place them locations where air cannot circulate to cool the equipment. Do not operate the equipment in ambient temperatures exceeding 40 degrees Centigrade. Do not place the products in contact with equipment whose surface temperature exceeds 40 degrees Centigrade.

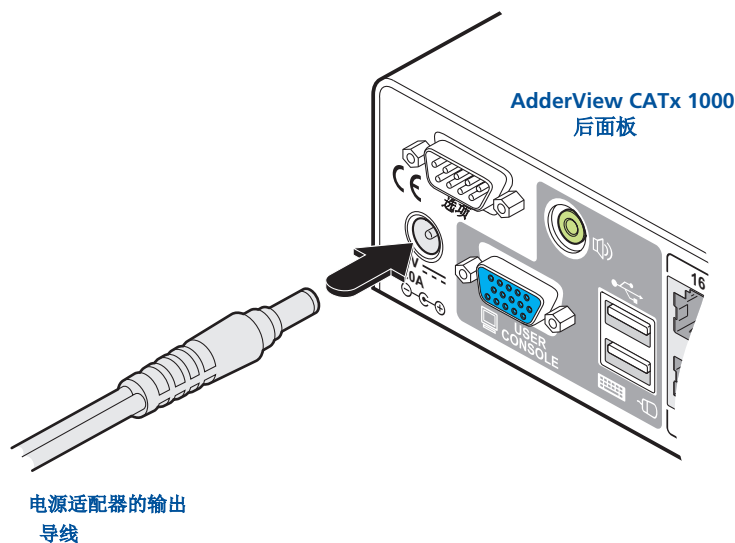
电源接通

AdderView CATx 1000设备配备标准的10W电源适配器。该设备没有开关机按钮，因此只要插入电源适配器，设备就会立即开始运行。有关的

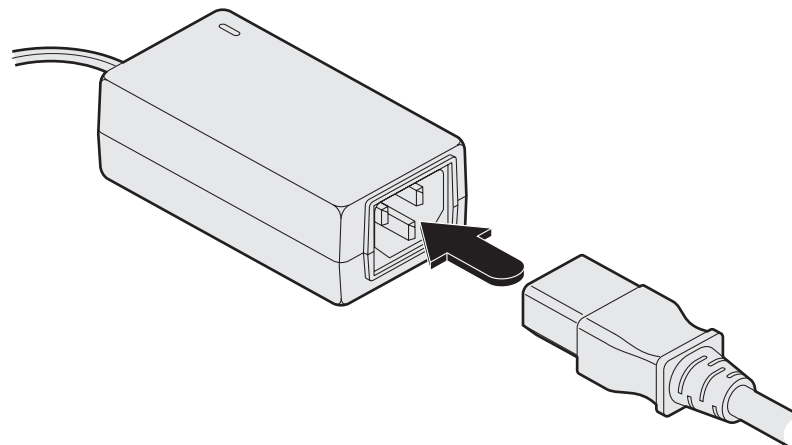


连接电源

- 1 将电源适配器的输出导线连接到AdderView CATx 1000后面板上的5v插座。



- 2 将提供的国家专用电源线的IEC连接器连接到电源适配器的插座上。



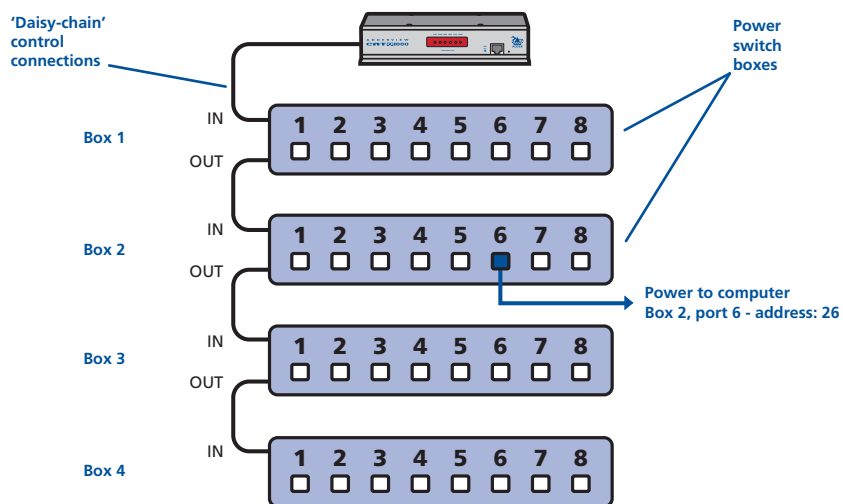
- 3 将电源线连接到附近的主电源插座。

注意：AdderView CATx 1000及其电源在运行时会产生热量，触摸时会感觉温暖。请勿将它们封闭或放置在无法通风的区域以冷却设备。请勿在超过40摄氏度的环境温度下运行设备。请勿将产品与表面温度超过40摄氏度的设备接触。

Power control port

The options port of the AdderView CATx 1000 can be used to connect to one or more optional power control units. This allows you to control the mains power being supplied to the connected computer(s) so that an authorised user can, if necessary, perform a complete remote cold reboot on a failed system.

The control connector of the first power switch is attached, via serial cable, to the rear panel of the AdderView CATx 1000. Any additional power switches are then attached via a 'daisy-chain' arrangement to the first power switch. Each power switch box is then given a unique address and access to each power port (8 ports on each power switch box) is gained using a combination of the switch box address and the port number.

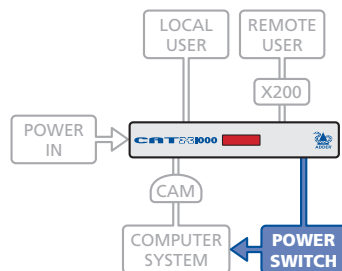


The power ports are connected to the power inputs of each computer system and the power switch box(es) are then connected to a mains power supply.

IMPORTANT: Power switching devices have a maximum current rating. It is essential to ensure that the total current drawn by the equipment connected to the power switching device does not exceed the current rating of the power switching device. You must also ensure that the current drawn from any mains socket does not exceed the current rating of the mains socket.

Setting up, configuring and using power switching requires three main steps:

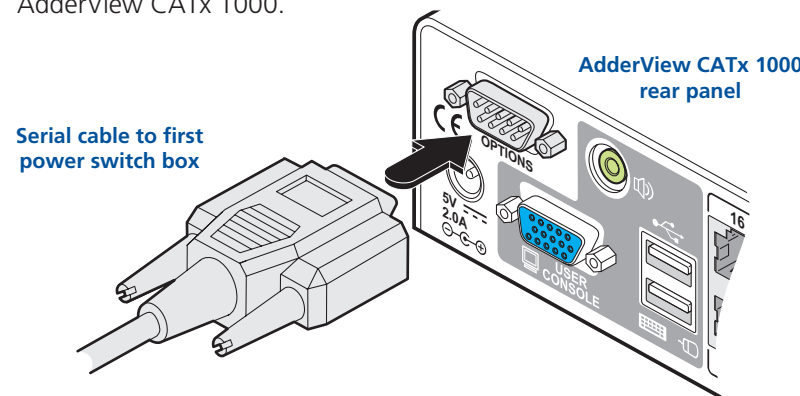
- Connect and address the switch boxes ⇨
- [Configure the power strings](#)
- Operate power switching [via configuration menu](#)



To connect and address the switch boxes

Note: The AdderView CATx 1000 unit can be powered on during this procedure, however, the switch boxes should be switched off. The configuration steps below may differ depending upon the power switches used. Please refer to your power switch documentation.

- 1 Mount up to four switch boxes in positions where they are close to the computer systems that they will control and not too distant from the AdderView CATx 1000 unit (preferably within 2.5 metres).
- 2 Use a serial cable with an RJ9 and a 9-pin D-type connector (see [Appendix 2](#) for specification). Attach the RJ9 plug to the socket marked IN on the first switch box. Attach the other end to the socket marked OPTIONS on the AdderView CATx 1000.



- 3 For each of the remaining switch boxes (if used), use a serial cable with RJ9 connectors at both ends (see [Appendix 2](#) for specification). Attach one end to the socket marked OUT of the previous box and the other end to the socket marked IN of the next box.

- 4 Set the addressing switches on each switch box using the two micro switches marked 'Slct' on the front panel. The box connected directly to the AdderView CATx 1000 is Box 1 and so on, down the daisy-chain line to Box 4 at the end.

Box	Switch 1	Switch 2
1	Off	Off
2	On	Off
3	Off	On
4	On	On

Off = switch upwards
On = switch downwards
Switch 1 is on the left side

- 5 Attach IEC to IEC power leads between each port and the power input socket of each computer system that requires power switching. Carefully note to which power ports, on which boxes, each computer system is connected. If computer systems have multiple power inputs, then each input must be connected via separate ports, which can be on the same, or different boxes.

- 6 Connect each box to a suitable mains power input.

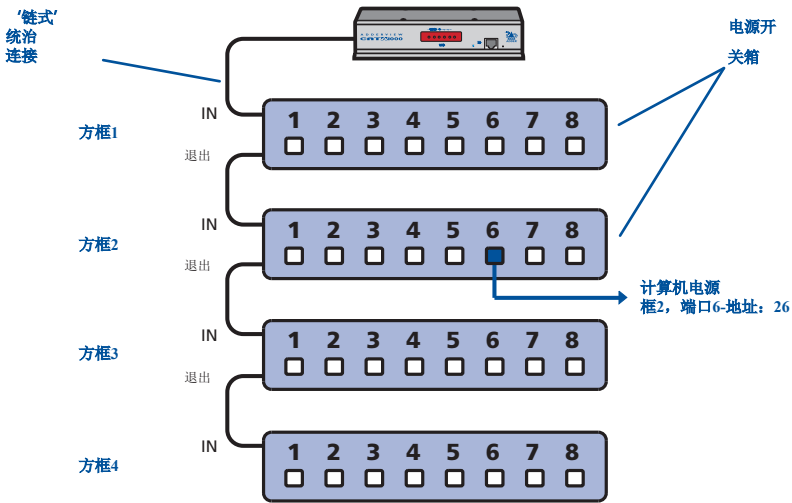
Now proceed to the configuration stage covered in the [Power switching configuration](#) section within the Configuration chapter.



电源控制端口

AdderView CATx 1000的选项端口可用于连接一个或多个可选电源控制单元。这允许您控制所供电网电源。到连接的计算机（多个），以便授权用户在必要时对故障系统执行完整的远程冷重启。

第一个电源开关的控制接头通过串行电缆将设备连接至AdderView CATx 1000的后板。所有额外电源开关均采用菊花链式连接方式接入首个电源开关。每个电源开关箱都会被赋予唯一地址，通过组合箱体地址与端口号，即可访问各电源端口（每个箱体配备8个端口）。

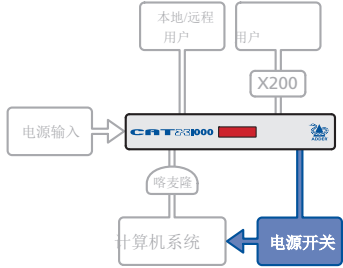


电源端口连接到每个计算机系统的电源输入，然后将电源开关箱（ES）连接到市电电源。

重要提示：电源开关设备具有最大电流额定值。必须确保连接到电源开关设备的设备所汲取的总电流不超过电源开关设备的电流额定值。还必须确保从任何网插座汲取的电流不超过网插座的电流额定值。

设置、配置和使用电源开关需要三个主要步骤：

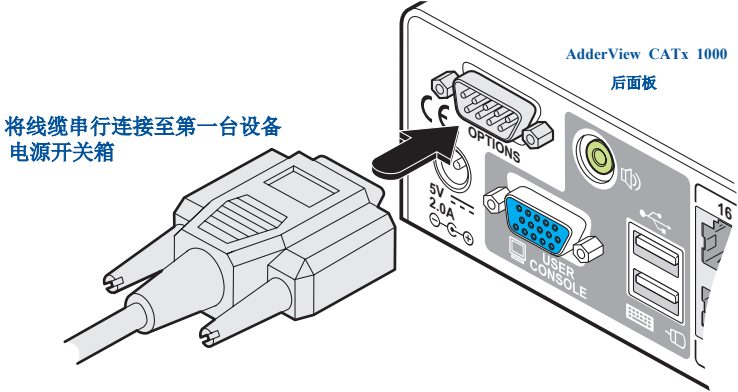
- 连接并处理开关箱⇨
- [配置电源线](#)
- [通过配置菜单](#)操作电源开关



连接和处理开关盒

注：在此过程中，可为AdderView CATx 1000装置通电，但应关闭开关箱。以下配置步骤可能因所用电源开关的不同而有所差异。请参阅电源开关文档。

- 1 最多安装四个交换机箱，位置应靠近其将控制的计算机系统，且距离AdderView CATx 1000单元不要太远（最好在2.5米内）。
- 2 使用带有RJ9和9针D型连接器的串行电缆（参见[附录2](#)（用于说明））。将RJ9插头连接到第一个交换机箱上标有IN的插座，将另一端连接到AdderView CATx 1000上标有OPTIONS的插座。



- 3 对于其余的交换机箱（如果使用），请使用两端带有RJ9连接器的串行电缆（规格请参见[附录2](#)）。连接一端连接到前一个盒子上标有OUT的插座，另一端连接到下个框中已用标记为IN。
- 4 使用前面板上标记为“Slct”的两个微型开关，打开每个交换机箱上的寻址开关。直接连接到AdderView CATx 1000的交换机箱是1号箱，以此类推，沿着菊花链线路直到末端的4号箱。
- 5 将IEC连接器连接到每个端口和需要电源切换的计算机系统的电源输入插座之间的IEC

盒式切换器1切换器2		
1	关闭	关闭
2	向	关闭
3	关闭	向
4	向	向

关闭-向上开关开启-向下开
关开关1位于左侧

- 电源导线上。仔细注意电源的连接方向。端口，每个计算机系统都通过这些端口连接到相应的机箱。如果计算机系统具有多个电源输入，则必须通过不同的端口将每个输入连接到相应的机箱，这些端口可以位于同一机箱或不同的机箱。
- 6 将每个盒子连接到合适的电源输入。

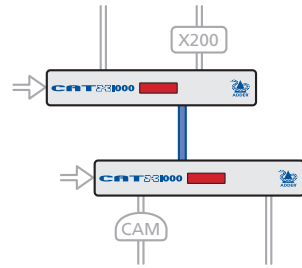
现在继续进行配置章节中[功率切换 配置](#)部分所述的配置阶段。



Cascading multiple units

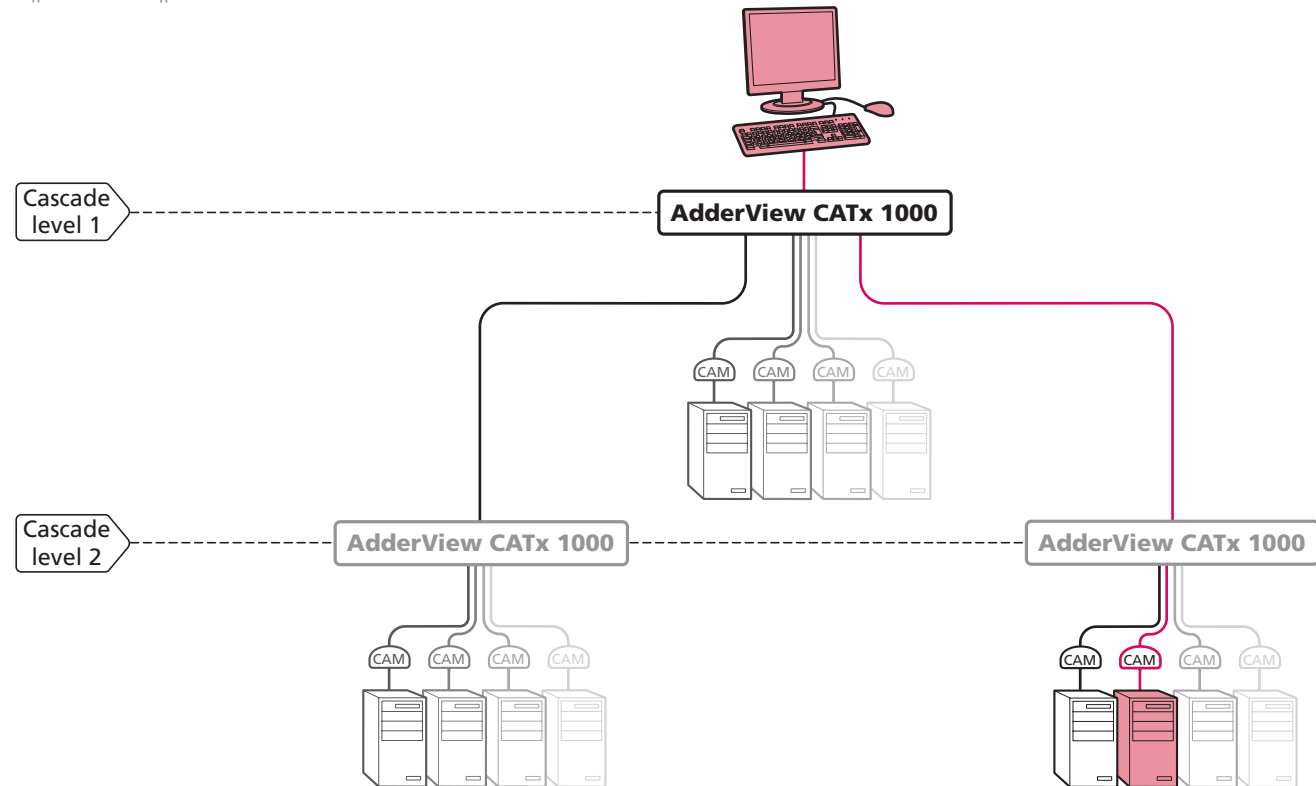
The AdderView CATx 1000 units support up to eight or sixteen *directly* connected computer systems, however, this is by no means the limit. Instead of connecting computers to every output port, you can instead link other AdderView CATx 1000 units. Thus each output of the original AdderView CATx 1000 unit can link through to many more computers connected to the secondary units.

The combination of AdderView CATx 1000 units can be arranged two levels deep forming a tree, or *cascade* arrangement, with computer systems situated at either level within that cascade tree.



The cascade tree

The diagram shows how multiple AdderView CATx 1000 units can be cascaded to two levels. Computer systems can be connected at any level. The local or remote user can access computer systems situated anywhere within the cascade tree.



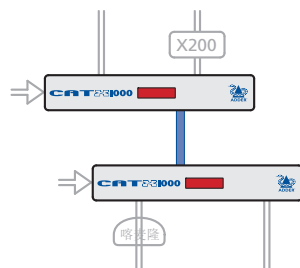
See also

- [Connecting units in cascade](#)
- [Addressing computers in a cascade](#)

级联多个单元

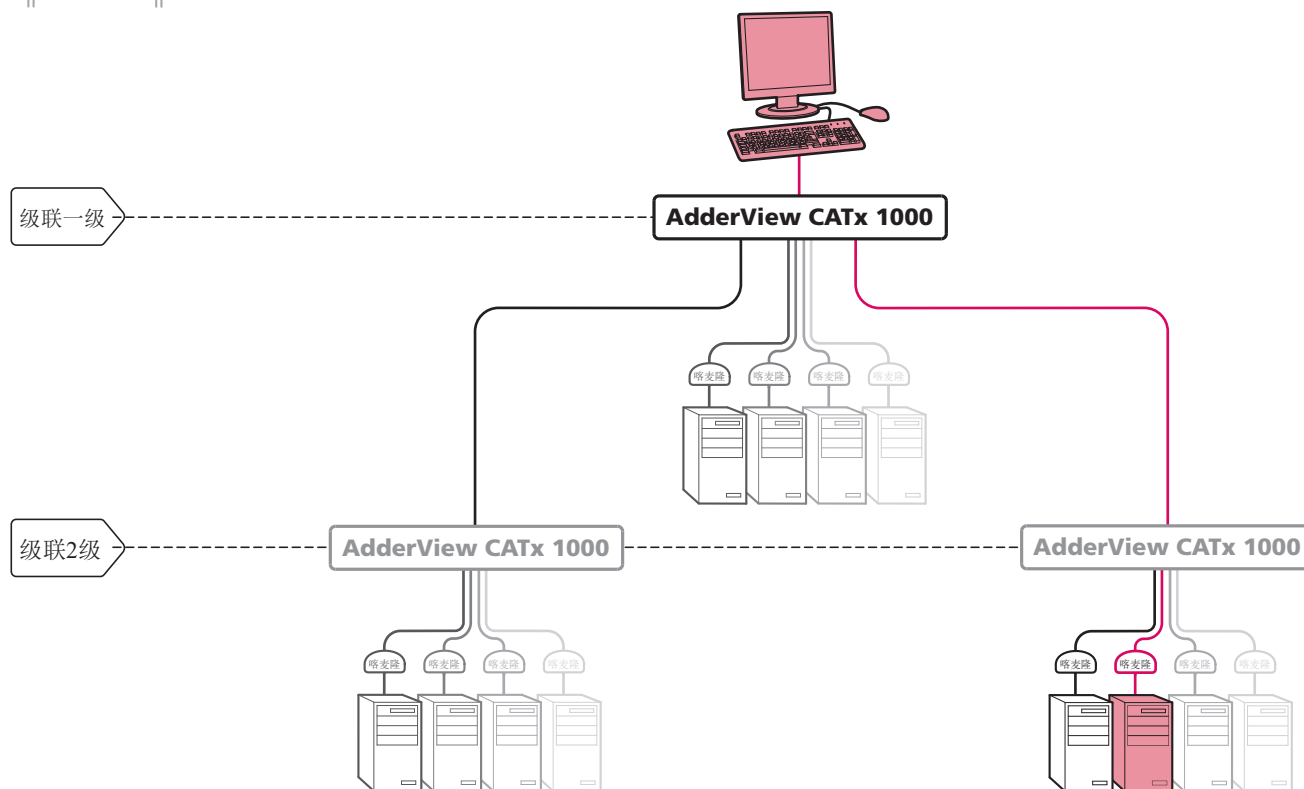
AdderView CATx 1000 设备最多支持8个或16个直接连接的计算机系统，但这绝不是限制。您不必将计算机连接到每个输出端口，而是可以链接其他AdderView CATx 1000设备。因此，原始AdderView CATx 1000设备的每个输出端口都可以连接到更多通过从属设备连接的计算机。

AdderView CATx 1000单元的组合可以布置成两层深，形成树状结构，或级联结构，在该级联树的两个层面上都放置计算机系统。



级联树

本图说明了如何将多个AdderView CATx 1000单元级联为两个层级。计算机系统可以在任何层级连接。本地或远程用户可以访问位于级联树中任意位置的计算机系统。



另请参阅

- [级联连接单元](#)
- [以级联方式处理计算机](#)

Connecting units in cascade

The method for cascading AdderView CATx 1000 units is straightforward and requires no hardware settings or lengthy configuration process.

The method of linking AdderView CATx 1000 units is the same regardless of the cascade level, or number of devices attached. Put simply:

- A single cascade link is made by connecting a **COMPUTER CONNECTIONS** socket of one unit to the **REMOTE USER PORT** socket of the unit below it.

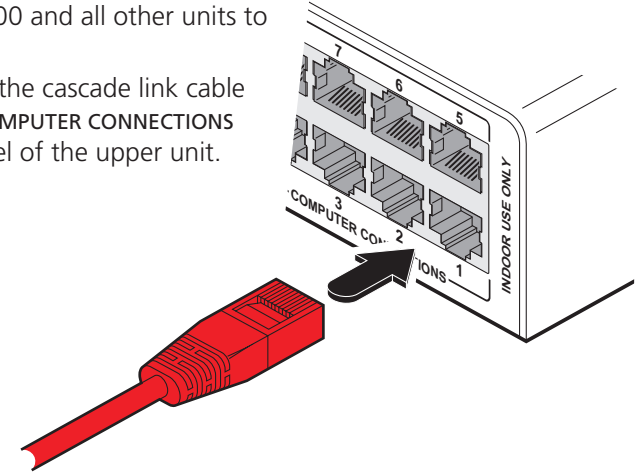
Please consider the following when making cascade connections between AdderView CATx 1000 units.

Tips for successful cascading

- The maximum number of levels for a cascade is two.
- For each cascade link, use a standard category 5, 5e or 6 twisted-pair cable, terminated at each end with an RJ45 connector. There must be no crossover connections within the cable. The cascade link cables can be up to 50m (160 feet) in length. However, remember that the overall length between the remote user (via an X100 or X200 extender) and any computer (via a CAM) must not exceed 300m (980 feet) - that figure includes the cascade link cables. Also ensure that the total length from the top AdderView CATx 1000 to any CAM does not exceed 10m.
- The procedure given opposite may be carried out in any order but for clarity the instruction will begin at the higher level AdderView CATx 1000 unit (here called the *upper unit*), i.e. the one that is being fed into by a unit at the cascade level below (here called the *lower unit*). The procedure remains the same regardless of exactly which cascade levels are being connected. The basic rule is that each link is made by connecting a **COMPUTER CONNECTIONS** port of the upper switch to a **CATx USER PORTS** of the lower switch.

To connect units in cascade

- 1 Ensure that power is disconnected from the AdderView CATx 1000 and all other units to be connected.
- 2 Connect one end of the cascade link cable to an appropriate **COMPUTER CONNECTIONS** port on the rear panel of the upper unit.

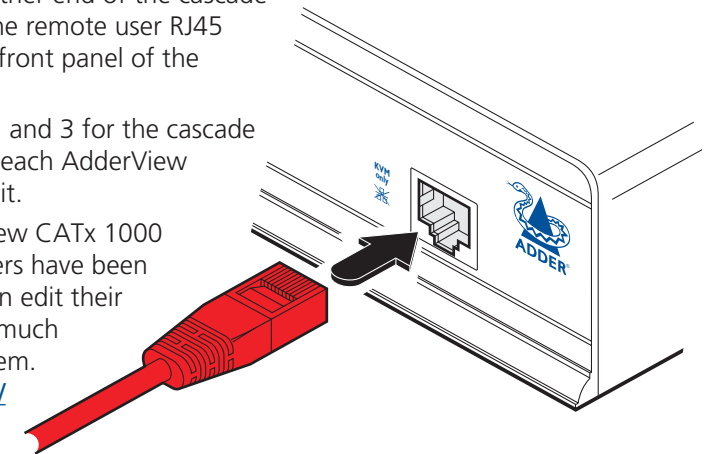


- 3 Connect the other end of the cascade link cable to the remote user RJ45 socket on the front panel of the lower unit.
- 4 Repeat steps 2 and 3 for the cascade links between each AdderView CATx 1000 unit.

Once the AdderView CATx 1000 units and computers have been connected, you can edit their names to make it much easier to locate them.

See the [To create/edit computer names](#) section in

the Configuration chapter for more details.



See also

- [Addressing computers in a cascade](#)

级联连接单元

级联AdderView CATx 1000单元的方法很简单，不需要硬件设置或冗长的配置过程。

连接AdderView CATx 1000单元的方法是相同的，无论级联级别或所连接的设备数量如何。简单地说：

- 通过将一台设备的**计算机连接**插口连接到其下方设备的**远程用户端口**插口，即可形成单级级联链路。

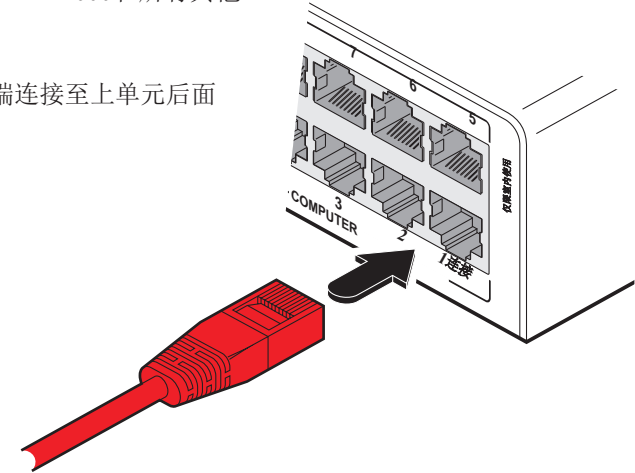
在AdderView CATx 1000装置之间建立级联连接时，请考虑以下事项。

成功实施级联的技巧

- 级联的最大级别数为两个。
- 对于每个级联链路，请使用标准的五类、五类增强型或六类双绞线电缆，两端均需配备RJ45连接器。电缆内部严禁存在交叉连接。级联链路电缆最长可达50米（160英尺）。但需注意：通过X100或X200扩展器连接的远程用户与任何计算机（通过CAM）之间的总长度不得超过300米（980英尺）——该数值已包含级联链路电缆。同时确保从顶部AdderView CATx 1000到任何CAM的总长度不超过10米。
- 虽然所列步骤的执行顺序不限，但为便于理解，本说明将以层级较高的AdderView CATx 1000单元（以下简称**高级单元**）作为起始点——即由下级级联单元（以下简称**下级单元**）输入数据的那台设备。无论具体连接哪些级联层级，操作流程均保持一致。核心原则是：通过将上层交换机的计算机连接端口与下层交换机的CATx用户端口相连，即可完成各链路的建立。

将单元串联起来

- 1 确保切断AdderView CATx 1000和所有其他待连接设备的电源。
- 2 将级联链路电缆的一端连接至上单元后面板上的计算机连接端口。



- 3 将级联链路电缆的另一端连接到下级单元前面板上的远程用户RJ45插口。
- 4 对每个AdderView CATx 1000单元之间的级联链路重复步骤2和3。

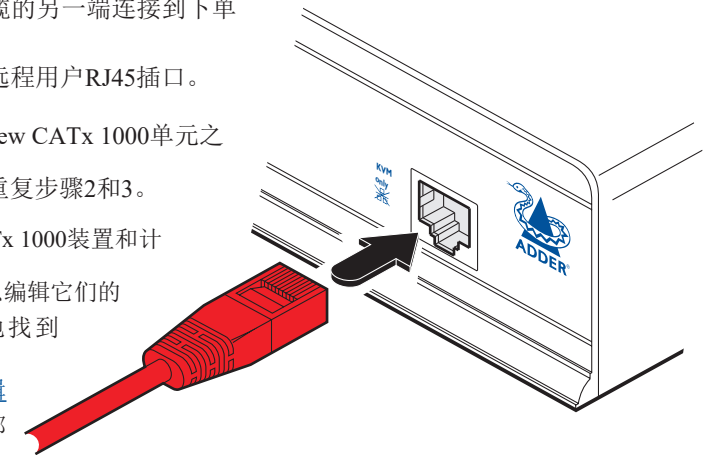
一旦AdderView CATx 1000装置和计

算机连接，您就可以编辑它们的

名字可以更容易地找到他们。

请参见 [“创建/编辑计算机名称”](#) 部分。

配置有关详细信息，请参阅。



另请参阅

- [以级联方式处理计算机](#)

Addressing computers in a cascade

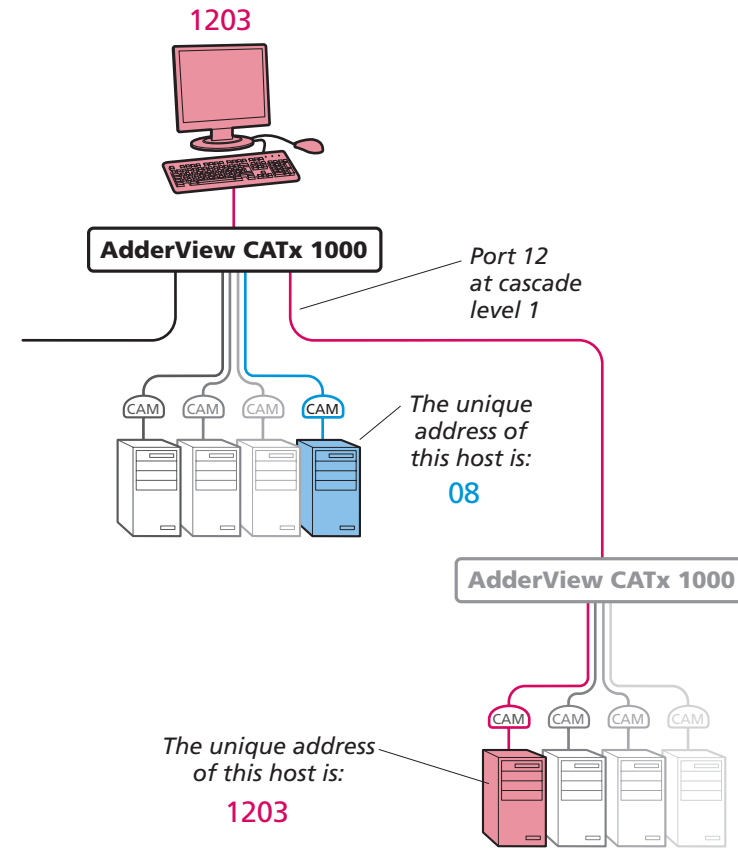
Computer systems connected within a cascade arrangement are addressed using up to four digits, two for each cascade level. The pairs of digits specify which of the **COMPUTER CONNECTIONS** ports on each of the AdderView CATx 1000 units must be enabled to reach a specific computer. In the diagram given here, a portion of the previous cascade diagram indicates how the routes to two particular computers are formed and addressed.

Each cascade level requires two digits, hence the computer marked in red requires a longer address (1203) as it is situated at cascade level 2, compared to the blue computer at the top level with its two digit port number.

The first time that you make a connection between two AdderView CATx 1000 units, the master unit will detect this and ask (via the on screen menu) if you want to automatically add computers. If you choose 'Yes' then the ports on the cascade will be automatically added to the on screen menu.

Using cascaded computers

In use, cascaded computers can be accessed using exactly the same methods as for those connected directly to the AdderView CATx 1000. However, by far the easiest way is to use the on screen menu. This is because it displays the computer names and does not require any knowledge of port addresses. See the [Selecting cascaded computers](#) section in the Operation chapter for more details.



以级联方式处理计算机

在级联架构中，计算机系统通过最多四位数字进行寻址，每个层级对应两位。

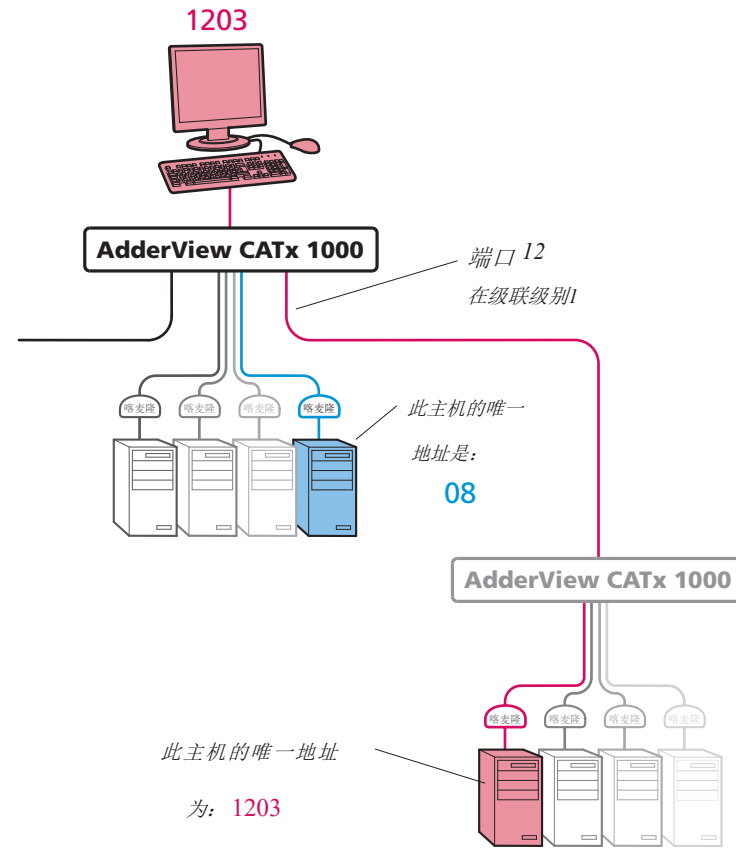
这些数字组合用于指定AdderView CATx 1000设备上的计算机连接端口，只有当这些端口被激活时，系统才能连接到目标计算机。如图所示，前文级联架构示意图中的局部内容展示了如何建立并寻址两条特定计算机的连接路径。

每个级联级别需要两个数字，因此红色标记的计算机需要一个更长的地址（1203），因为它位于级联级别2，而顶部的蓝色计算机只有两个数字的端口号。

首次将两个AdderView CATx 1000设备连接时，主设备将检测到此操作，并通过屏幕菜单询问您是否要自动添加计算机。如果选择“是”，则级联上的端口将自动添加到屏幕菜单中。

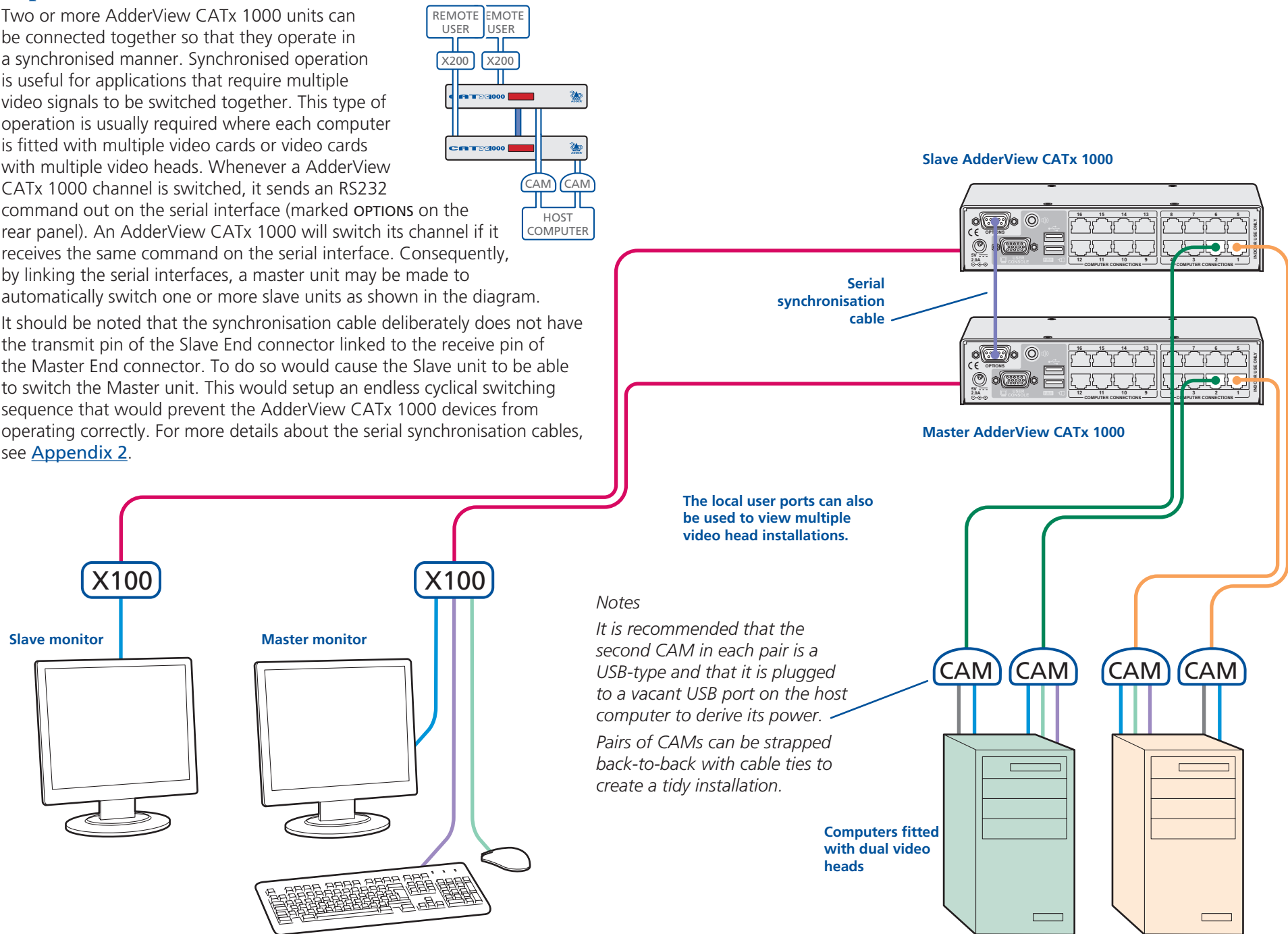
使用级联计算机

在使用过程中，可以使用与直接连接到AdderView CATx 1000的计算机完全相同的方法访问级联计算机。但是，最简单的方法是使用屏幕菜单。这是因为该菜单显示计算机名称并且不需要了解端口地址。有关详细信息，请参阅“操作”一章中的“选择级联计算机”部分。



Multiple video head connections

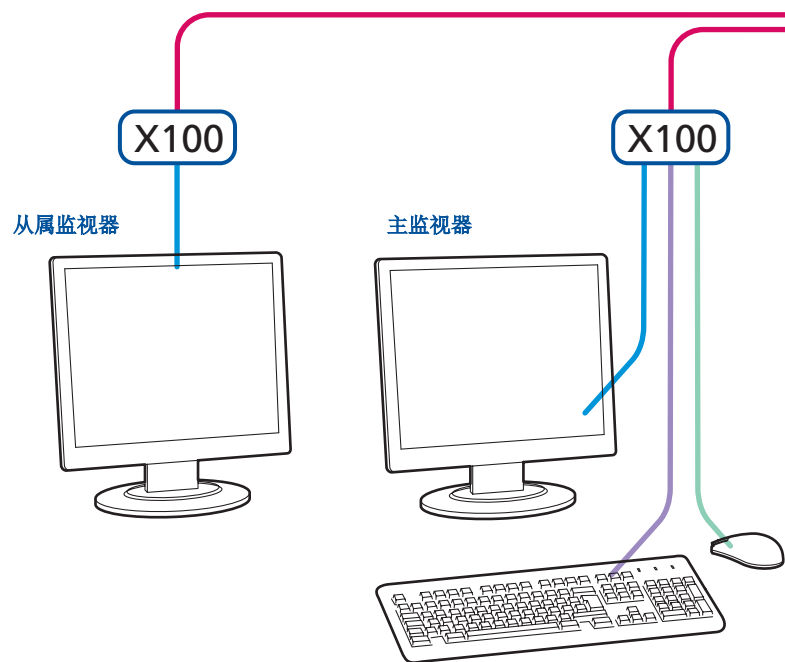
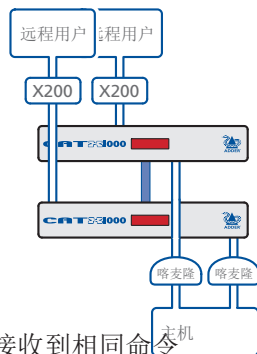
Two or more AdderView CATx 1000 units can be connected together so that they operate in a synchronised manner. Synchronised operation is useful for applications that require multiple video signals to be switched together. This type of operation is usually required where each computer is fitted with multiple video cards or video cards with multiple video heads. Whenever an AdderView CATx 1000 channel is switched, it sends an RS232 command out on the serial interface (marked **OPTIONS** on the rear panel). An AdderView CATx 1000 will switch its channel if it receives the same command on the serial interface. Consequently, by linking the serial interfaces, a master unit may be made to automatically switch one or more slave units as shown in the diagram. It should be noted that the synchronisation cable deliberately does not have the transmit pin of the Slave End connector linked to the receive pin of the Master End connector. To do so would cause the Slave unit to be able to switch the Master unit. This would setup an endless cyclical switching sequence that would prevent the AdderView CATx 1000 devices from operating correctly. For more details about the serial synchronisation cables, see [Appendix 2](#).



多个视频头连接

两个或多个AdderView CATx 1000设备可相互连接，实现同步运行。这种同步操作特别适用于需要同时切换多个视频信号的应用场景，常见于每台计算机配备多块显卡或显卡带有多个视频接口的设备。每当切换AdderView CATx 1000通道时，系统会发送RS232在串行接口上发出命令（标记为OPTIONS后部面板）。AdderView CATx 1000将在串行接口上接收到相同命令时切换其通道。因此，通过连接串行接口，可以使主单元自动切换一个或多个从单元，如图所示。

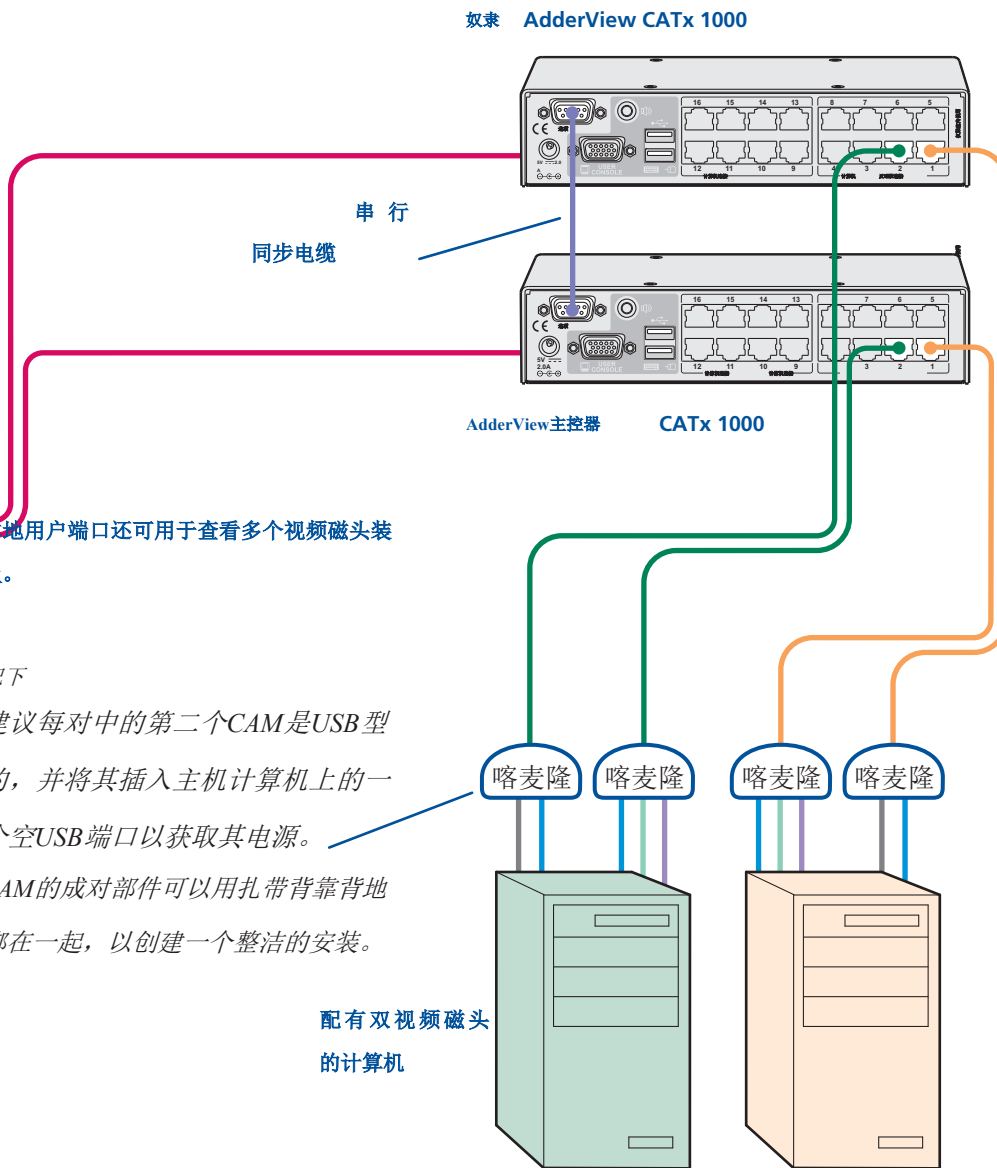
需要特别说明的是，同步电缆的设计特意将从端连接器的发送引脚与主端连接器的接收引脚错开。若按此设计配置，从设备将能够切换主设备，从而形成无限循环的切换序列，导致AdderView CATx 1000设备无法正常工作。有关串行同步电缆的更多详细信息，请参阅附录2。



本地用户端口还可用于查看多个视频磁头装置。

记下
建议每对中的第二个CAM是USB型的，并将其插入主机计算机上的一个空USB端口以获取其电源。
CAM的成对部件可以用扎带背靠背地绑在一起，以创建一个整洁的安装。

配有双视频磁头的计算机



Remote switching control

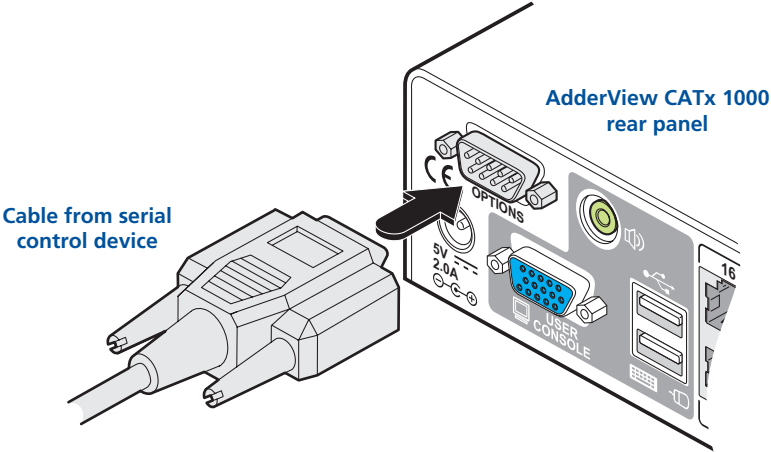
The port switching functions of the AdderView CATx 1000 units can be remotely controlled by an RS232 link to the OPTIONS port on the rear panel.

The sending device must use the following RS232 communication settings:

- Baud rate: 19200 bps
- Data bits: 8
- Parity: None
- Stop bits: 1

No handshaking is implemented, however, valid command characters will be echoed back to the sending device.

The value of the byte received via the serial link determines which computer port should be linked through to the user port. The table given here summarises the valid control codes:



Host computer port/channel																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	0 (video off)
10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	71

远程切换控制

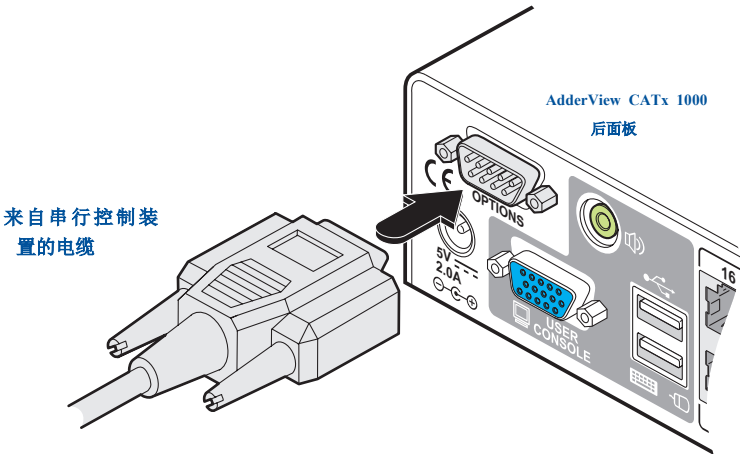
AdderView CATx 1000的端口切换功能单元可通过RS232链路进行远程控制后面板上的OPTIONS端口。

发送设备必须使用以下RS232通信设置：

波特率：19200 bps数据位：8
平等： 无停止位： 1



但是，没有实现握手，但是有效的命令字符将被回显到发送设备。
通过串行链路接收的字节值确定应将哪个计算机端口链接到用户端口。此处给出的表总结了有效的控制代码：



主机计算机端口/通道

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16 0（视频关闭）1E
10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1F 71	



安装
配置
业务
其他资料
索引

Configuration



Almost all configuration and operational aspects of the AdderView CATx 1000 units are controlled via [on-screen menu](#) displays.

Overall initial configuration

When setting up a new installation, the following stages are recommended:

1 [Enable the general 'Security' option.](#)

With security disabled (default setting), a local or remote user attached to the AdderView CATx 1000 will have full and unrestricted access to all computers and all AdderView CATx 1000 settings. In larger installations, you are strongly recommended to enable security and set up individual user accounts with access privileges.

2 [Create an ADMIN \(administration\) password.](#)

All AdderView CATx 1000 units have a fixed user account that cannot be deleted or renamed, called ADMIN. This user account is the only one that is able to make important system changes. If you intend to use security, then it is important to allocate a password to the ADMIN account.

3 [Create user accounts and allocate access rights.](#)

Use the ADMIN account to add user profiles, passwords and access rights for each of the system users.

4 [Provide names for computers.](#)

When numerous computers are attached, you are strongly advised to provide names for each, to assist with recognition.

5 Configure the required '[Setup Options](#)' and '[Global Preferences](#)'

Use the ADMIN account to determine key AdderView CATx 1000 settings and timing characteristics.

INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

AdderView CATx 1000单元的几乎所有配置和操作方面都通过[屏幕菜单](#)显示器控制。

总体初始配置

在设置新安装时，建议执行以下步骤：

1 [启用常规的“安全”选项。](#)

禁用安全（默认设置）时，连接到AdderView CATx 1000的本地或远程用户将对所有计算机和所有AdderView CATx 1000设置具有完全且不受限制的访问权限。对于较大的安装，强烈建议启用安全并设置具有访问权限的各个用户帐户。

2 [创建一个ADMIN（管理）密码。](#)

AllAdderView CATx 1000设备都有一个不能被删除或重命名的固定用户帐户，称为ADMIN。此用户帐户是唯一能够进行重要系统更改的帐户。如果要使用安全功能，为ADMIN帐户分配密码非常重要。

3 [创建用户帐户并分配访问权限。](#)

使用ADMIN帐户为每个系统用户添加用户配置文件、密码和访问权限。

4 [提供计算机的名称。](#)

当连接了大量计算机时，强烈建议您为每台计算机提供名称，以帮助识别。

5 配置所需的“[设置选项](#)”和“[全局首选项](#)””使用ADMIN帐户确定

AdderView CATx 1000的关键设置和计时特性。

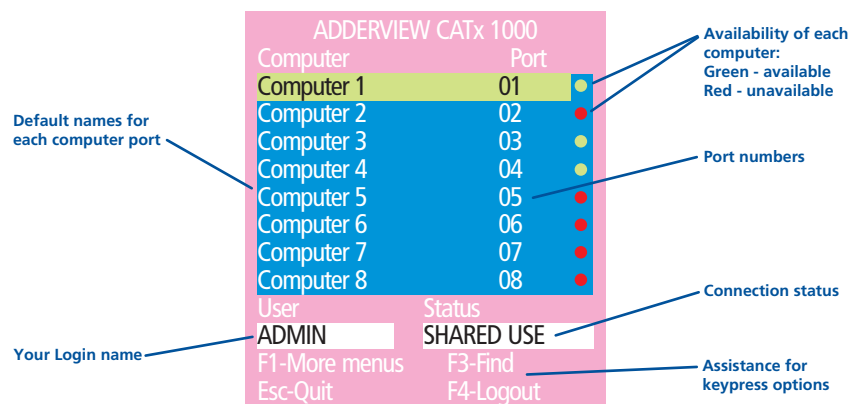
Configuration menus

The configuration menus allow you to determine many aspects of the AdderView CATx 1000 capabilities. From here you can:

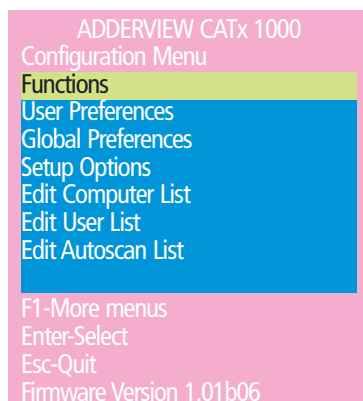
- Create individual user accounts and determine access rights,
- Provide names for all connected computers to allow quick recognition,
- Set individual and global settings for users,
- Run various functions, such as mouse restore operation,
- Save and load AdderView CATx 1000 configuration settings, and more.

To access the configuration menu

- 1 If the main menu is not already displayed, press and hold **Ctrl** **Alt** and then press **M** using a keyboard attached to a AdderView CATx 1000 user port.
The main menu will be displayed:



- 2 Press **F1** To display the Configuration Menu:



- 3 Use the **↓** and **↑** keys to highlight an option, then press **↵** to select.

Hotkeys

Note: **Ctrl** and **Alt** are the standard hotkeys and can be altered to avoid clashes with other devices or software. If you change the hotkeys, remember to use the new ones in place of **Ctrl** and **Alt** when following the instructions in this guide.

Security

Note: If the security option has been enabled, you will be asked for a valid user name and password before the main menu can be displayed.

ADDERVIEW CATx 1000

User Name:

Password:

Esc-Scr Save

IMPORTANT: When supplied, AdderView CATx 1000 units have their security features disabled, which means that any attached users have access to all connected computers and all AdderView CATx 1000 settings. You are strongly recommended to enable the 'Security' feature and set an access password for the ADMIN account.



INSTALLATION

CONFIGURATION

OPERATION

FURTHER INFORMATION

INDEX

配置菜单

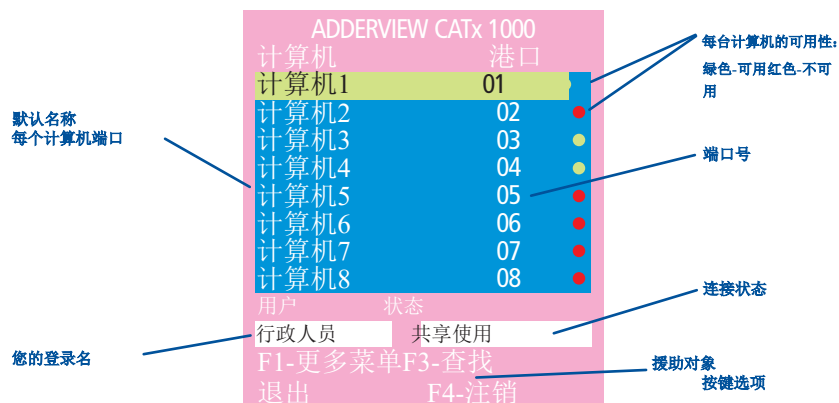
通过配置菜单，您可以确定AdderView CATx 1000功能的许多方面。

在此，您可以：

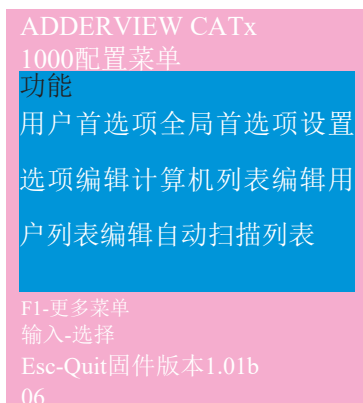
- 创建个人用户帐户并确定访问权限，
- 提供所有已连接计算机的名称，以便快速识别；
- 为用户设置个人和全局设置；
- 运行各种功能，如鼠标恢复操作，
- 保存和加载AdderView CATx 1000配置设置，以及更多。

访问配置菜单

- 1 如果主菜单尚未显示，请按住 **Ctrl** **Alt** 然后按 **M** 使用连接到AdderView CATx 1000用户端口的键盘。将显示主菜单：



- 2 按回键显示配置菜单：



- 3 使用 **↓** 和 **↑** 按住键以突出显示一个选项，然后按 **Enter** 选择。

热键

注意: **Ctrl** 和 **Alt** 是标准热键，可以更改以避免与其他设备或软件冲突。如果更改了热键，请记住在按照本指南中的说明操作时，用新热键替换和。

保护措施

注：如果已启用安全选项，则在显示主菜单之前，系统将要求您输入有效的用户名和密码。

重要提示：当提供AdderView CATx 1000设备时，其安全功能处于禁用状态，这意味着任何连接的用户都可以访问所有已连接的计算机和所有AdderView CATx 1000设置。强烈建议您启用“安全”功能，并为ADMIN帐户设置访问密码。



安装

配置

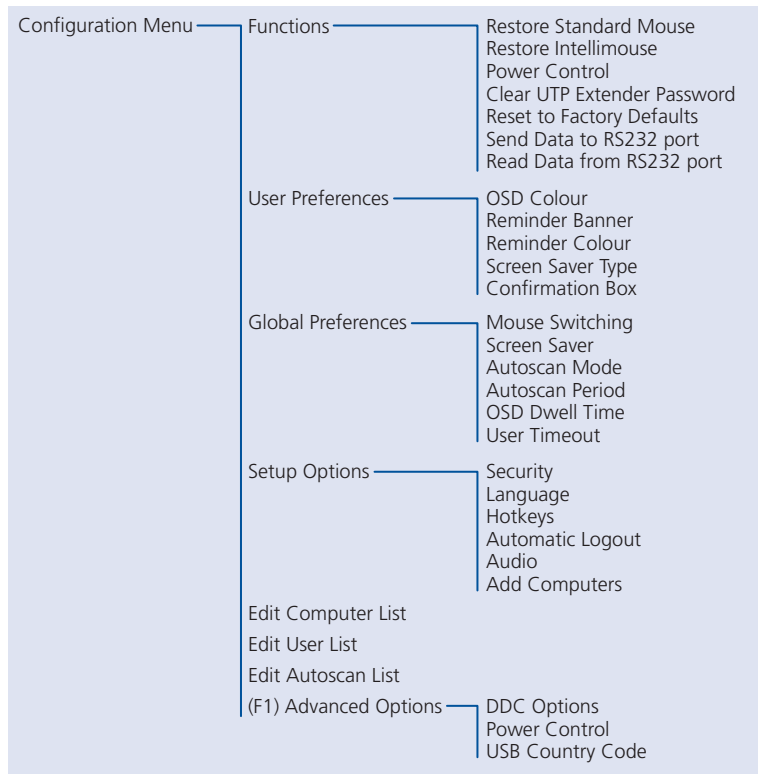
业务

其他资料

索引

Configuration menus layout

The menu options are arranged as shown here:



For a description of each option within the Configuration menus, see [Appendix 1](#) for more details.

General security and configuration steps



To enable general security

- 1 Display the [Configuration menu](#).
- 2 Highlight 'Setup Options' and press .
- 3 Highlight 'Security' and press to select 'ENABLED'.
- 4 Now create a new password for the ADMIN user account.

To set an ADMIN password

- 1 Display the [Configuration menu](#).
- 2 Highlight 'Edit User List' and press .
- 3 Highlight 'ADMIN' and press . Press again to accept the name 'ADMIN' without change.
- 4 Enter an appropriate password for the ADMIN user account with regard to the following:
 - The password can be up to 12 characters long.
 - The password can use letters, numerals and/or certain punctuation marks.
 - The password is not case sensitive.
- 5 Press . The 'Edit Access Rights' menu will be displayed. However, as the ADMIN account always has access to all computers, press again to save the new password.

[What to do if the ADMIN password has been forgotten.](#)

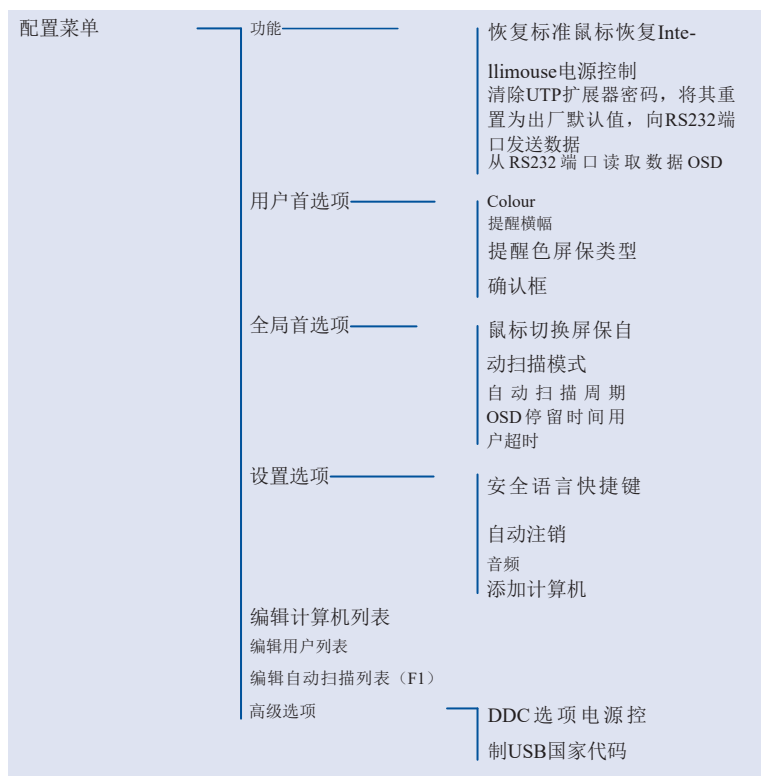
To change the hotkeys

AdderView CATx 1000 units use and as their standard hotkeys. These can be changed if they clash with other software or hardware within the installation.

- 1 Display the [Configuration menu](#).
- 2 Highlight 'Setup Options' and press .
- 3 Highlight 'Hotkeys' and press to select the required hotkey combination. The options are: *CRTL+ALT*, *CTRL+SHIFT*, *ALT+SHIFT*, *ALT GR*, *LEFT ALT+RIGHT ALT*, *LEFT CTRL+LEFT ALT* or *RIGHT CTRL+RIGHT ALT*.
- 4 Press to return to the 'Configuration Menu'.

配置菜单布局

菜单选项的排列方式如下所示:



有关配置菜单中每个选项的说明，请参见附录1。

常规安全和配置步骤

为了实现通用安全性

- 1 显示**配置菜单**。
- 2 突出显示“**设置选项**”，然后按 .
- 3 突出“**安全**”和媒体  选择“**已启用**”。
- 4 现在，为ADMIN用户帐户创建新密码。

设置ADMIN密码

- 1 显示配置菜单。
- 2 突出显示“编辑用户列表”，然后按 .
- 3 突出显示“管理员”并按下  按压  再次接受名称“ADMIN”而不作任何更改。
- 4 根据以下内容，为ADMIN用户帐户输入适当的密码：
 - 密码最长可以是12个字符。
 - 密码可以使用字母、数字和/或某些标点符号。
 - 密码不区分大小写。
- 5 按压 。将显示“编辑访问权限”菜单。
但是，由于ADMIN帐户始终可以访问所有计算机，请按  再次保存新密码。

如果忘记了ADMIN密码该怎么办。

要更改热键

AdderView CATx 1000装置用途 和 作为它们的标准热键。

如果它们与安装中的其他软件或硬件冲突，可以更改这些热键。

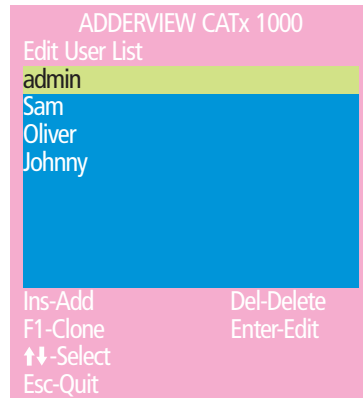
- 1 显示配置菜单。
- 2 突出显示“设置选项”，然后按 .
- 3 突出显示“热键”并按下  选择所需的热键组合。选项包括：
CRTL+ALT、*CTRL+SHIFT*、*ALT+SHIFT*、*ALT GR*、*LEFT ALT*+
RIGHT ALT、*LEFT CTRL+LEFT ALT*或*RIGHT CTRL+RIGHT ALT*。
- 4 按压  返回“配置菜单”。



Registering users (edit user list)

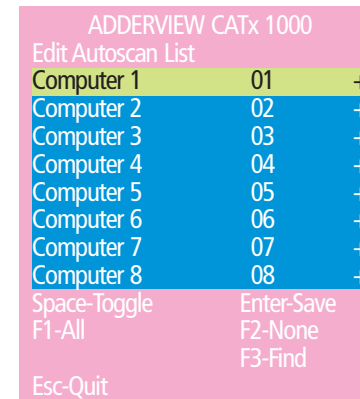
To create/edit user accounts

- 1 Display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 2 Highlight 'Edit User List' and press .



- 3 Either:
 - *Create a new account* - Press , enter a new user name and press ,
 - or
 - *Edit an existing account* - Highlight the required user name and press . Edit the name, if appropriate, and/or press .
- 4 Enter or edit the password with regard to the following:
 - The password can be up to 12 characters long.
 - The password can use letters, numerals and/or certain punctuation marks.
 - The password field can remain blank to allow open access to this account.

- 5 Press  to display the 'Edit Access Rights' menu.



Cross markers indicate which computers will be accessible to the currently selected user. To change the permission state: Highlight a computer and press the space bar.

Here you can determine which of the connected computers can be accessed by the selected user account. Only computers that show the '+' marker to the right of the menu box will be accessible to the user account.

Note: Access rights for user accounts to particular computers can also be controlled from the 'Edit Computer List' menu.

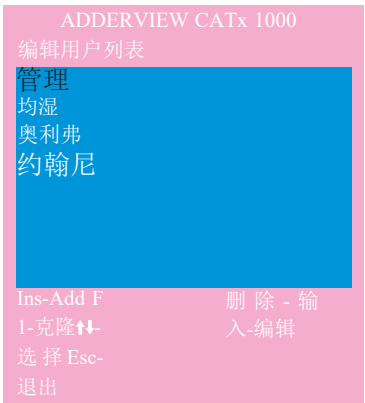
- 6 Select and deselect computers as follows:
 - *Individual computer* - Highlight a computer name, then press  to apply, or remove, a '+' marker.
 - *Access to all computers* – Press 
 - *Access to no computers* – Press 
- 7 When all settings have been made, press  to save and exit. Press  to return to the 'Configuration Menu'.

注册用户（编辑用户列表）



创建/编辑用户帐户

- 1 显示 配置菜单。注意：必须以ADMIN用户身份登录。
- 2 突出显示“编辑用户列表”，然后按



- 3 任一：
 - 创建新帐户 -按 , 输入新用户名并按 或
 - 编辑现有帐户 -高亮显示所需的用户名，然后按 如果合适，编辑名称和/或按 .
- 4 输入或编辑与以下内容相关的密码：
 - 密码最长可以是12个字符。
 - 密码可以使用字母、数字和/或某些标点符号。
 - 密码字段可以保持空白，以允许对帐户开放访问。

- 5 按下 显示“编辑访问权限”菜单。



交叉标记表示当前所选用户可以访问哪些计算机。要更改权限状态：高亮显示一台计算机，然后按空格键。

在这里，您可以确定所选用户帐户可以访问哪些已连接的计算机。只有菜单框右侧显示“+”标记的计算机才能被用户帐户访问。
注意：用户帐户对特定计算机的访问权限也可以从“编辑计算机列表”菜单中进行控制。

- 6 按如下方式选择和取消选择计算机：
 - 单个计算机 —突出显示一个计算机名称，然后按以应用或删除 。
 - 访问所有计算机 —Press
 - 无法使用计算机 —新闻
- 7 完成所有设置后，按键保存并退出。按键 返回“配置菜单”。

安装

配置

业务

其他资料

索引

Registering computers (edit computer list)

To create/edit computer entries

- 1 Display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 2 Highlight 'Edit Computer List' and press .

ADDERVIEW CATx 1000	
Edit Computer List	
Computer 1	01
Computer 2	02
Computer 3	03
Computer 4	04
Computer 5	05
Computer 6	06
Computer 7	12
Computer 8	0803
Ins-Add	Del-Delete
F1-Clone	Enter-Edit
↑↓-Select	F3-Find
Esc-Quit	

- 3 Either:
 - *Create a new computer entry* – Press  and enter a new name, or
 - *Edit an existing computer entry* – Highlight a computer name and press . Press  (Backspace) to delete existing characters and enter the required new name (up to 16 characters).

Note: Avoid creating two names for the same computer port.

- 4 Press  and the cursor will move to the computer port column on the right side. Change or enter the port address of the computer as required. See the [Addressing computers in a cascade](#) section for more details.

- 5 When the port address is complete, press . The 'Edit access rights' menu will be displayed.

ADDERVIEW CATx 1000	
Edit access rights	
admin	+
Sam	+
Oliver	+
Johnny	
Space-Toggle	Enter-Save
F1-All	F2-None
	F3-Find
Esc-Quit	

Cross markers indicate which users will be granted access to the currently selected computer. To change the permission state: Highlight a user name and press the space bar.

Here you can determine which users should have access to the created/edited computer. Only users that show a '+' marker to the right of the menu box will be granted access to the computer.

Note: Access rights for particular user accounts to computers can also be controlled from the 'Edit User List' menu

- 6 Select and deselect users as follows:
 - *Individual user* - Highlight a user name, then press  to apply, or remove, the '+' marker.
 - *Allow access for all users* – Press 
 - *Allow no user access (except ADMIN)* – Press 
- 6 When all settings have been made, press  to save and exit. Press  to return to the 'Configuration Menu'.

注册计算机（编辑计算机列表）



创建/编辑计算机条目

- 1 显示 配置菜单。注意：必须以ADMIN用户身份登录。
- 2 突出显示“编辑计算机列表”，然后按



- 3 任一：
 - 创建新的计算机条目-按 并输入新名称，或
 - 编辑现有计算机条目—突出显示一个计算机名称，然后按 按压 (Backspace) 删除现有字符并输入所需的新名称（最多16个字符）。注意：请勿为同一计算机端口创建两个名称。
- 4 按压 ，光标将移动到右侧的计算机端口列。请根据需要更改或输入计算机的端口号。有关详细信息，请参阅关于级联中计算机的寻址部分。

- 5 端口地址填写完毕后，按。将显示“编辑访问权限”菜单。



交叉标记表示哪些用户将被授予对当前所选计算机的访问权限。
要更改权限状态：高亮显示一个用户名，然后按空格键。

- 在这里，您可以确定哪些用户应该有权访问创建/编辑的计算机。只有在菜单框右侧显示“+”标记的用户才能被授予访问计算机的权限。
- 注意：还可以通过“编辑用户列表”菜单控制特定用户帐户对计算机的访问权限
- 6 按如下方式选择和取消选择用户：
 - 单个用户—突出显示用户名，然后按 来应用或删除“+”标记。
 - 允许所有用户访问—按键
 - 禁止用户访问（除ADMIN外）-按
 - 6 完成所有设置后，按下 要保存并退出。按 返回“配置菜单”。

安装

配置

业务

其他资料

索引

Video compensation

The AdderView CATx 1000 units allow a remote user to be extended by a maximum of 300m (980 feet). Such long cable lengths can affect video signals, especially when higher screen resolutions are used. In order to eliminate any video signal degradation, all Adder X100 and X200 extenders provide effective software-based video compensation features.

Remote user video compensation

Video compensation for each remote user is provided by their Adder X100 or X200 modules, not by the AdderView CATx 1000 unit itself. Using the Adder X100/X200 controls you can adjust the picture sharpness and brightness to improve the remote picture quality.

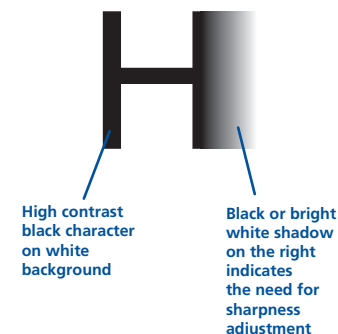
Video compensation is best carried out when viewing high contrast images with vertical edges, such as black lines on a white background. When doing so, if you notice that the screen image is 'fuzzy' or 'dark' then the image controls may not be able to solve this condition.

Note: If the high contrast images exhibit shadows with separate colours, then there may be a skew problem which requires a different image adjustment (provided only by Adder X100AS/R and X200AS/R modules) - see the [Remote user skew adjustment](#) section for details.

To display a suitable high contrast image

The best way to clearly view the effect of sharpness and brightness adjustments is to display a high contrast image, with vertical edges, on the screen.

- Open a word processor, type the capital letter 'H', or 'M' and increase the point size to 72 or higher. For best results, the background should be white and the character should be black.
- A BLACK shadow on the right of the character indicates UNDER compensation.
- A WHITE shadow on the right of the character indicates OVER compensation.



Note: The Word processor method is accurate and quick. However, for the very finest video compensation, use the latest Adder TESTpatterns program which shows both the skew pattern and a section of mixed size Hs (black on white and white on black).

If the image controls cannot provide a crisp image

If, after adjusting the image controls, one or more screen images remain fuzzy or have coloured shadows you may need to use the Skew adjustment feature. Please see [Remote user skew adjustment](#) for details (Adder X100AS/R or X200AS/R modules only).

continued

视频补偿

AdderView CATx 1000设备最多允许将远程用户延伸至300米(980英尺)处。如此长的电缆长度可能会影响视频信号，特别是在使用更高分辨率屏幕时。为了消除任何视频信号退化，所有Adder X100和X200扩展器都提供有效的基于软件的视频补偿功能。

远程用户视频补偿

每个远程用户的视频补偿由其Adder X100或X200模块提供，而不是由AdderView CATx 1000单元本身提供。使用Adder X100/X200控件可以调整图像锐度和亮度以改善远程图像质量。

视频补偿最适合用于观看具有垂直边缘的高对比度图像时，例如白色背景上的黑色线条。当这样做时，如果您注意到屏幕图像“模糊”或“暗”，则图像控件可能无法解决此情况。

注：如果高对比度图像显示具有不同颜色的阴影，则可能存在倾斜问题，需要不同的图像调整（仅由Adder X100AS/R和X200AS/R模块提供）-有关详细信息，请参阅[远程用户倾斜调整](#)部分。

显示合适的高对比度图像

要清楚地查看锐度和亮度调整的效果，最好的方法是在屏幕上显示具有垂直边缘的高对比度图像。

- 打开文字处理器，键入大写字母“H”或“M”，并将点大小增加到72或更高。为了获得最佳效果，背景应为白色，字符应为黑色。
- 如果该字符右侧出现黑色阴影，则表示补偿不足。
- 字符右侧的白色阴影表示过度补偿。

我H,

高对比度
白色背景上的黑
色字符

黑色或亮色
右侧的白色阴
影表示需要锐
度调整

注意：Word处理器方法准确且快速。然而，对于最精细的视频补偿，使用最新的Adder TESTpatterns程序，该程序同时显示偏斜模式和大混合的Hs部分（黑色在白色上，白色在黑色上）。

如果图像控件无法提供清晰的图像

如果在调整图像控件后，一个或多个屏幕图像仍然模糊或有彩色阴影，您可能需要使用倾斜调整功能。有关详细信息，请参阅[远程用户倾斜调整](#)（仅适用于Adder X100AS/R或X200AS/R模块）。

继续的



安装

配置

业务

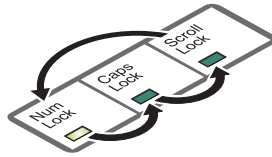
其他
资料

索引

To apply remote user video compensation

- 1 On the remote user keyboard (connected to an Adder X100/X200 extender), simultaneously, press the hotkeys (by default, **Ctrl** and **Shift**) along with **Enter** to enter configuration mode.

The three keyboard indicators ('Num Lock', 'Caps Lock' and 'Scroll Lock') will now begin to flash in sequence. The speed of the sequence indicates the level of the sharpness adjustment currently applied: the slower the rate, the lower the level of sharpness being applied.



- 2 While viewing the displayed screen image, use the following keys to adjust the controls:

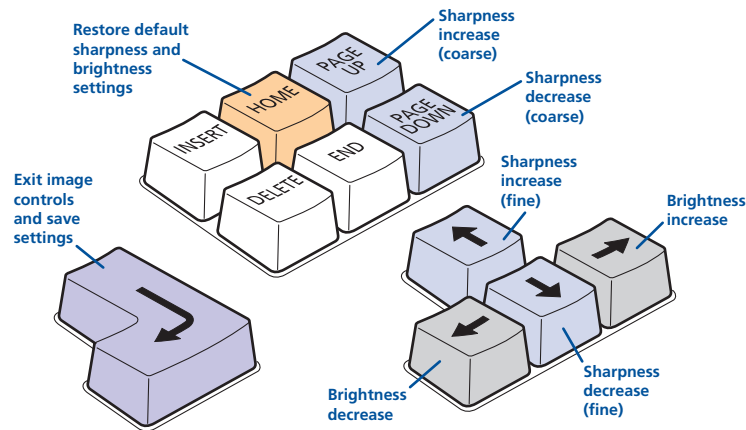
Sharpness: **↑** **↓** for fine adjustment, **Page Up** **Page Down** for coarse adjustment.

There are 255 sharpness levels (one coarse step jumps 10 levels).

To autosest sharpness (X100 modules only): Press **F2** **Enter** to make the module calculate and apply an automatic compensation level - you can use this as a starting point for your fine tuning.

Note: If the monitor goes blank and switches off (due to oversetting the sharpness adjustment) press the Home key to restore.

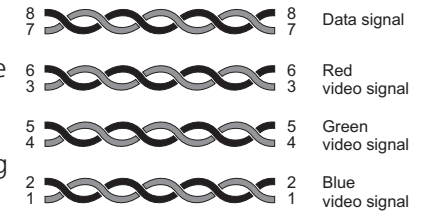
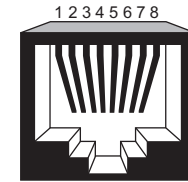
Brightness: **←** **→** for adjustment. There are 255 brightness levels.



- 3 When no shadows are visible and the displayed images have crisp edges, press **Enter** to exit configuration mode and permanently save all settings. The new compensation settings will be stored, even when power is removed or if a complete reset is initiated. These settings should not require further changes unless the cabling arrangements are altered.

Remote user skew adjustment

The category 5, 5e and 6 cabling supported by the AdderView CATx 1000 consists of four pairs of wires per cable. Three of these pairs are used to convey red, green and blue video signals to the remote video monitor. Due to the slight difference in twist rate between these three pairs, the red, green and blue video signals may not arrive at precisely the same time. This is visible as separate colour shadows on high contrast screen images and is particularly apparent when using higher screen resolutions and some types of category 5e cables.



To alleviate this situation, the Adder X100AS/R and X200AS/R modules provide internal skew adjustment that can help to rectify the situation. The skew adjustment works by delaying or advancing the timing of any of the red, green or blue colour signals so that they are all delivered to the monitor at precisely the same time. For best results, the "TESTpatterns" program downloadable from www.adder.com is the most accurate way of setting skew as the red, green and blue lines are rendered exactly on the screen as single pixel wide lines. Alternatively, you can create your own skew pattern using a standard image creation package, as detailed on the next page.

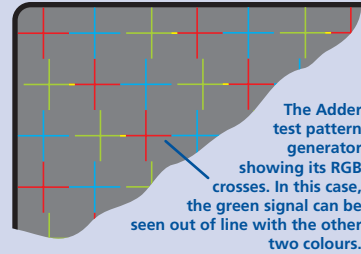
continued

To use skew adjustment

- 1 Display a skew pattern on the appropriate computer. You can either use the free pattern available from www.adder.com or create your own:

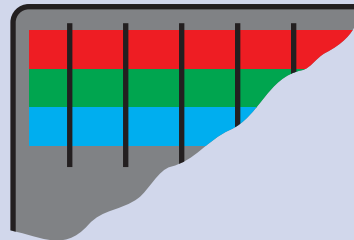
To obtain and run the free Adder test pattern generator

- 1 Visit www.adder.com.
- 2 Click the **PRODUCTS** heading and then choose **Management Software**.
- 3 From the list of software utilities, choose the **ADDER Test Pattern Generator** option.
- 4 Click the **Downloads** tab and choose the **ADDER Test Pattern Generator** option to download the utility.
- 5 Unzip the downloaded file and run the **TESTpatterns.exe** file.
- 6 Click the **SKEW** option.



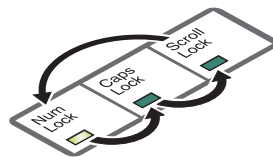
Creating a skew test pattern

- i Run any image creation/editing application, such as the Paint program supplied with Windows.
- ii Using the image application create three stacked horizontal rectangles (one red, one green and one blue) that fill the width of the screen.
- iii Draw a vertical black line down across the coloured bars and then repeat this vertical line at intervals along the width of the coloured bars. These lines create breaks across the colours and give you more opportunities to view the horizontal position of each colour relative to the others.

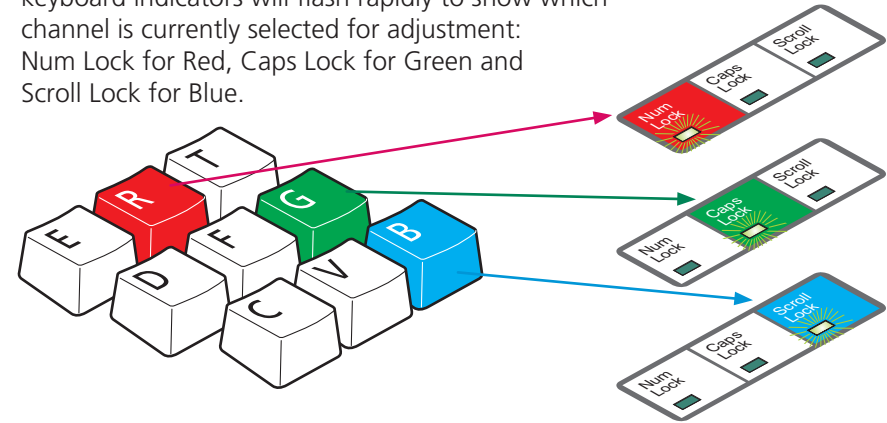


- 2 On the remote user keyboard (connected to an Adder X100AS/R or X200AS/R extender), simultaneously, press the hotkeys (by default, **Ctrl** and **Shift**) along with **F10** to enter configuration mode.

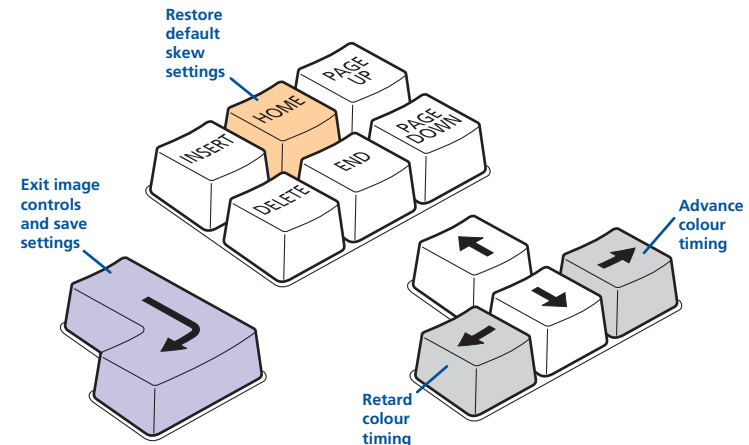
The three keyboard indicators ('Num Lock', 'Caps Lock' and 'Scroll Lock') will now begin to flash in sequence.



- 3 As appropriate, press either the R, G or B keyboard keys to select the appropriate colour channel. Corresponding keyboard indicators will flash rapidly to show which channel is currently selected for adjustment: Num Lock for Red, Caps Lock for Green and Scroll Lock for Blue.



- 4 Press the **Left Arrow** and **Right Arrow** keys to retard or advance the timing of the selected colour channel respectively. On screen you will see a change in the position of the selected colour crosses (or colour bars) in relation to the other two.



- 5 When the selected colour crosses (or colour bars) are correctly positioned, press **F10** to exit that colour channel. The keyboard indicators will return to flashing in sequence.
- 6 If required, repeat steps 3 to 5 to select and adjust any colour channel until the vertical lines of the red, green and blue crosses are all aligned.
- 7 When all colours are correctly aligned on all video channels, press **F10** to exit configuration mode and permanently save all settings.

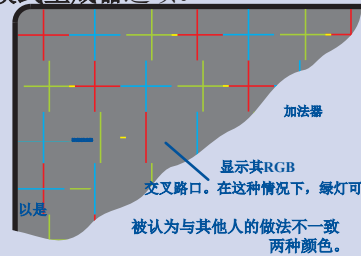
Note: Once you have made the skew adjustments, it may be necessary to re-adjust the image controls to attain optimum screen images.

要使用偏移调整

- 1 在相应的计算机上显示倾斜图案。您可以使用从获取的免费图案www.adder.com，也可以使用自己的图案：

获取并运行免费的Adder测试模式生成器

- 1 参观www.adder.com。
- 2 单击“产品”标题，然后选择“管理软件”。
- 3 从软件实用程序列表中，选择**ADDER测试模式生成器**选项。
- 4 单击“下载”选项卡，选择“**ADDER测试模式生成器**”选项以下载该实用程序。
- 5 解压缩下载的文件并运行该**TESTpatterns.exe**文件。
- 6 单击“**SKREW**”选项。

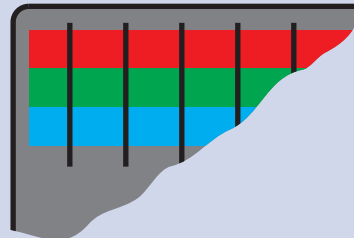


创建倾斜测试图案

i运行任何图像创建/编辑应用程序，例如随Windows提供的Paint程序。

ii使用图像应用程序创建三个堆叠的水平矩形（一个红色、一个绿色和一个蓝色），它们填满屏幕的宽度。

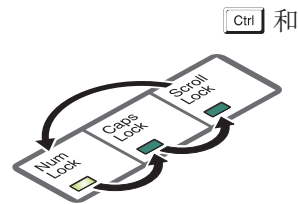
iii在彩色条中向下画一条垂直的黑线，然后沿着彩色条的宽度间隔重复这条垂直线。这些线条会在颜色之间形成分隔，让你有更多机会观察每种颜色相对于其他颜色的水平位置。



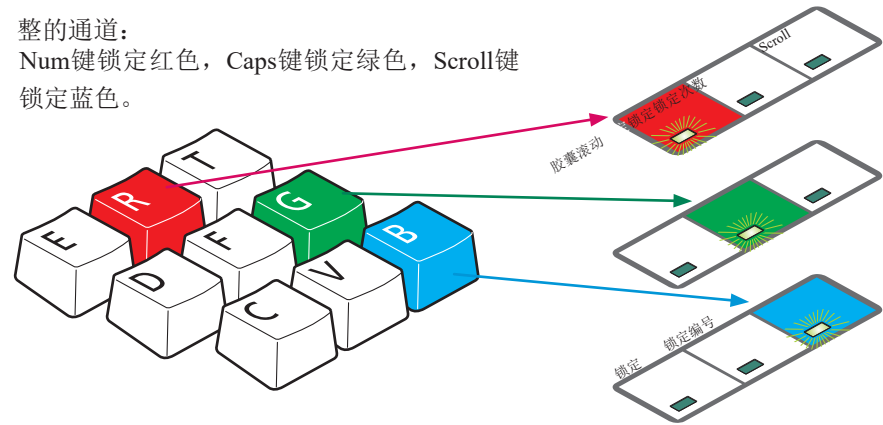
- 2 在远程用户键盘（连接到Adder X100AS/R或X200AS/R扩展器）

上，同时按下热键（默认情况下，**Shift**和...一起  进入配置方式

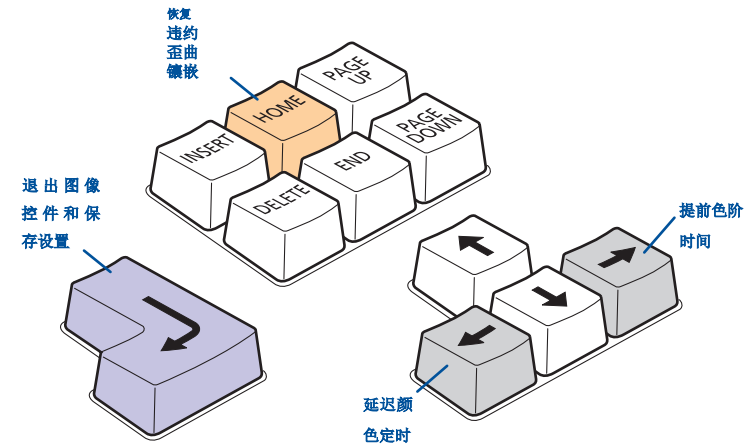
三个键盘指示符（“Num Lock”、“Caps Lock”和“Scroll Lock”）现在将开始按顺序闪烁。



- 3 根据需要，按R、G或B键盘键以选择适当的颜色通道。
相应的键盘指示灯将快速闪烁，以显示当前选择用于调整的通道：



- 4 按下  和  分别用于延迟或提前选定颜色通道的时序。在屏幕上，您将看到所选颜色十字（或颜色条）相对于另外两个的颜色位置的变化。



- 5 当所选颜色交叉（或色条）被正确定位时，按下  退出该颜色通道。
键盘指示灯将按顺序重新开始闪烁。
- 6 如果需要，重复步骤3至5选择并调整任何颜色通道，直到红色、绿色和蓝色十字的垂直线全部对齐。
- 7 当所有视频通道上的颜色正确对齐时，按下  退出配置模式并永久保存所有设置。
注意：完成倾斜调整后，可能需要重新调整图像控件以获得最佳屏幕图像。

Autoscanning

The AdderView CATx 1000 provides an autoscan mode that switches between the connected computers in sequence. This mode is useful to allow users and administrators to sample activity among the connected machines. Three scanning modes are provided:

- **Scan list** – Only computers declared within an autoscan list will be viewed. Computers connected to cascaded switches can be included in the autoscan list.
- **Active PCs** – Only computer ports where an active computer is detected will be viewed. This mode avoids blank screens from being displayed and helps to prevent the viewing monitor from entering a power-down state on every scan cycle. Computers connected to cascaded switches will not be viewed in this mode.
- **All PCs** – This mode visits, in turn, each computer that is connected directly to the AdderView CATx 1000. This mode should be used with care due to the reasons given in the warning below. Computers connected to cascaded switches will not be viewed in this mode.

The scanning mode is a global setting and hence will be the one viewed by any user who selects **Ctrl** **Alt** **A** on their keyboard. Note, however, that users will only see the scanned computers to which they have access rights.

WARNING: Many monitors are fitted with automatic power saving relays that switch off after a few seconds when connected to an inactive computer. If you are using such a monitor, do not set the AdderView CATx 1000 to the scan 'ALL PCs' mode. Continual switching on and off of the monitor's relay will eventually damage the monitor. If using such a monitor in conjunction with the 'Scan List' option, ensure that all selected computers are active.

There are up to three steps that need to be configured to use autoscanning:

- **Select the autoscan mode:** Scan List, Active PCs or All PCs.
- **Select the autoscan period.** This is the time that is spent viewing each computer. This step also enables and disables the autoscan feature.
- **Define the autoscan list.** This step is only required when the Scan List option is selected and allows you to select which computers will be scanned.

To select an autoscan mode

- 1 Display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 2 Highlight 'Global Preferences' and press **↓**.
- 3 Highlight 'Autoscan Mode' and press **Space** until the required option is displayed: SCAN LIST, ACTIVE PCs or ALL PCs.

To select an autoscan period

- 1 Display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 2 Highlight 'Global Preferences' and press **↓**.
- 3 Highlight 'Autoscan Period' and press **Space** until the required time to view each computer is displayed, ranging from 2 seconds to 5 minutes.

To define an autoscan list

Note: This stage is required only when the 'Scan List' autoscan mode is selected.

- 1 Display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 2 Highlight 'Edit Autoscan List' and press **↓**. A list of all connected computers will be displayed. Only computers that show a '+' marker to the right of the menu box will be autoscanned.
- 3 Select and deselect computers to scan as follows:
 - Individual computer - Highlight a computer name, then press **Space** to apply, or remove, the '+' marker.
 - Mark all computers for scanning – Press **F1**.
 - Unmark all computers – Press **F2**.
- 4 When all settings have been made, press **↓** to save and exit. Press **Esc** to return to the 'Configuration Menu'.

To view autoscan

- At one of the user ports, press **Ctrl** **Alt** **A**.

*Note: **Ctrl** and **Alt** are the standard hotkeys and can be [altered](#) to avoid clashes with other devices or software. If you change the hotkeys, remember to use the new ones in place of **Ctrl** and **Alt** when following these instructions.*



自动扫描

AdderView CATx 1000提供自动扫描模式，该模式按顺序在连接的计算机之间切换。此模式可用于让用户和管理员采样连接的机器之间的活动。提供了三种扫描模式：

- **扫描列表**—只有在自动扫描列表中声明的计算机才会被查看。可以将连接到级联交换机的计算机包括在自动扫描列表中。
- **活动PC**—只显示检测到活动计算机的计算机端口。此模式可避免显示空白屏幕，并有助于防止监视器在每个扫描周期进入关闭状态。在此模式下，不会显示连接到级联交换机的计算机。
- **所有PC**—此模式将依次访问直接连接到AdderView CATx 1000的每台计算机。由于以下警告中给出的原因，应谨慎使用此模式。在此模式下将不会查看连接到级联交换机的计算机。

扫描模式是一个全局设置，因此将由任何选择该模式的用户查看 **Ctrl** **Alt** **A** 在他们的键盘上。但是请注意，用户只能看到他们有访问权限的扫描计算机。

警告：许多显示器都配有自动省电继电器，当连接到闲置电脑时，这些继电器会在几秒钟后自动关闭。如果您正在使用此类显示器，请勿将AdderView CATx 1000设置为“扫描所有电脑”模式。显示器继电器的频繁开关最终会导致显示器损坏。若需将此类显示器与“扫描列表”功能配合使用，请确保所有选定计算机均处于活动状态。

要使用自动扫描，需要配置最多三个步骤：

- **选择自动扫描模式：**扫描列表、活动PC或所有PC。
- **选择自动扫描时段。**这是查看每台计算机所花费的时间。此步骤还启用和禁用自动扫描功能。
- **定义自动扫描列表。**仅当选择“扫描列表”选项时需要执行此步骤，通过该步骤可以选取要扫描的计算机。

选择自动扫描模式

- 1 显示 **配置菜单**。注意：必须以ADMIN用户身份登录。
- 2 突出显示“全局首选项”，然后按 **↓**。
- 3 突出显示“自动扫描模式”，然后按 **Space** 直到显示所需的选项：SCAN LIST、ACTIVE PCs或ALL PCs。

选择自动扫描周期

- 1 显示 **配置菜单**。注意：必须以ADMIN用户身份登录。
- 2 突出显示“全局首选项”，然后按 **↓**。
- 3 突出显示“自动扫描周期”，然后按 **Space** 直到显示查看每台计算机所需的时间，范围为2秒到5分钟。

定义自动扫描列表

注：仅当选择“扫描列表”自动扫描模式时，需要此阶段。

- 1 显示 **配置菜单**。注意：必须以ADMIN用户身份登录。
- 2 突出显示“编辑自动扫描列表”，然后按 **↓**。将显示所有已连接的计算机列表。只有菜单框右侧显示“+”标记的计算机才会被自动扫描。
- 3 按如下方式选择和取消选择要扫描的计算机：
 - 单机—高亮显示计算机名称，然后按 **Space** 来应用或删除“+”标记。
 - 将所有计算机标记为扫描—按下 **F1**。
 - 取消所有计算机的标记—按 **F2**。
- 4 完成所有设置后，按下 **↓** 要保存并退出，请按 **Esc** 返回“配置菜单”。

查看自动扫描

- 在其中一个用户端口上，按下 **Ctrl** **Alt** **A**。

笔记 **Ctrl** 和 **Alt** 是标准热键，可以更改以避免与其他设备或软件冲突。如果更改了热键，请记得用新的热键替换 **Ctrl** 和 **Alt** 当遵循这些说明时。



安装

配置

业务

其他资料

索引

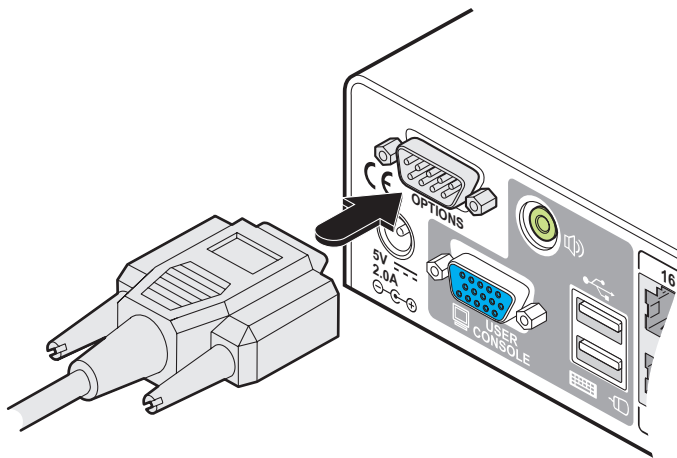
Saving and restoring configuration settings

The AdderView CATx 1000 can store up to 256 computer names and 5 sets of user access rights in addition to the ADMIN user account. Particularly in cascaded configurations, manually re-entering all computer names, port numbers and access rights can be a lengthy process. Therefore, the AdderView CATx 1000 provides a method to save and, if required, restore configuration settings using its serial port. Further to this, the saved file can be opened and edited within a text editor or spreadsheet and then restored back to the AdderView CATx 1000 – a useful way to make multiple setup changes.

Note: You must be logged-in as the ADMIN user for this procedure.

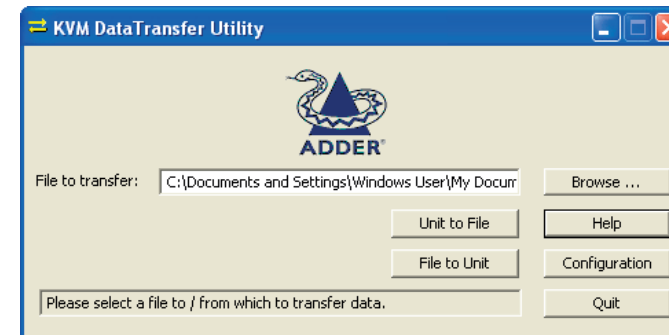
Preparations for configuration save/load

- Download the Adder Data Transfer utility - contact Adder Technical Support for details.
- Connect the serial port on the rear panel of the AdderView CATx 1000, labelled **OPTIONS**, to a serial port on your computer using the optional serial flash upgrade cable. See [Appendix 2](#) for pin-out specifications.



To transfer configuration settings

- 1 Run the Adder Data Transfer utility on the computer that is connected to the AdderView CATx 1000 Options serial port. The utility has a single window:



- 2 Click the Configuration button and ensure that the appropriate serial port of the computer is selected.
- 3 Click the Browse... button to locate or create a text file that will either provide or receive the AdderView CATx 1000 data.
- 4 Choose the direction of data flow:
 - Click the Unit to File button to download the existing AdderView CATx 1000 configuration to the selected text file, or
 - Click the File to Unit button to upload the contents of the file to the AdderView CATx 1000 unit.A pop-up dialog box will request you to set-up the unit to either send or receive RS232 data.
- 5 Using the local port of the AdderView CATx 1000 unit, display the [Configuration menu](#). *Note: You must be logged-in as the ADMIN user.*
- 6 Select the 'Functions' option.
- 7 Select either 'Send Data to RS232 port' (if you chose the Unit to File button) or 'Read Data from RS232 port' (if you chose the File to Unit button).
- 8 On the computer, click the OK button of the pop-up dialog box to begin downloading or uploading. The process will end automatically when all data have been transferred.

continued



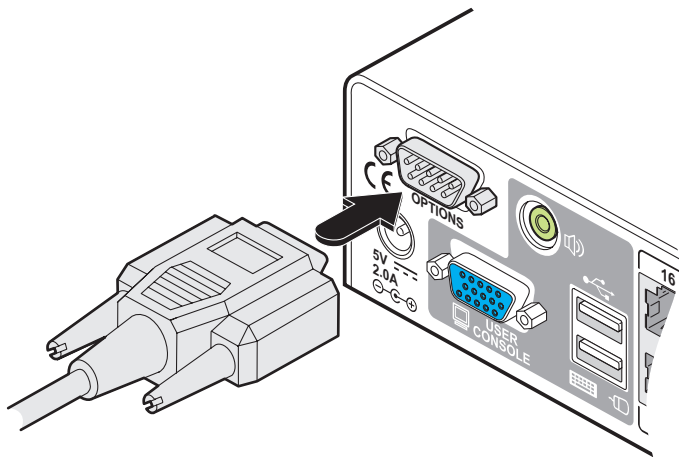
保存和恢复配置设置

AdderView CATx 1000除了管理ADMIN用户账户外，还能存储多达256个计算机名称和5组用户访问权限。在级联配置中，手动重新输入所有计算机名称、端口号及访问权限往往耗时费力。为此，该设备提供通过串口保存并按需恢复配置设置的功能。更贴心的是，用户可直接在文本编辑器或电子表格中打开并修改保存的配置文件，随后一键回传至设备——这种灵活的配置调整方式堪称多场景部署的得力助手。

注：您必须以ADMIN用户身份登录才能执行此步骤。

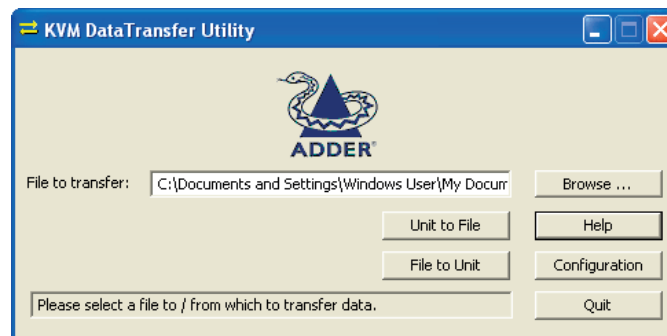
配置保存/加载的准备工作

- 下载Adder数据传输实用程序-详细信息请联系Adder技术支持部门。
- 使用可选的串行闪存升级电缆，将AdderView CATx 1000后面板上标记为OPTIONS的串行端口连接到计算机上的串行端口。请参阅附录 2中的引脚规格说明。



要传输配置设置

- 1 在连接到AdderView CATx 1000选项串行端口的计算机上运行Adder数据传输实用程序。该实用程序具有单个窗口：



- 2 单击配置按钮，并确保选择了计算机的相应串行端口。
- 3 单击浏览...按钮，定位或创建一个文本文件，该文件将提供或接收AdderView CATx 1000数据。
- 4 选择数据流方向：
 - 单击“将设备存入文件”按钮，即可下载现有的AdderView CATx 1000配置到所选文本文件，或
 - 点击“文件到单元”按钮，将文件内容上传至AdderView CATx 1000单元。

弹出对话框将要求您设置设备以发送或接收RS232数据。

- 5 使用AdderView CATx 1000装置的本地端口，显示配置菜单。注意：必须以ADMIN用户身份登录。
- 6 选择“功能”选项。
- 7 选择“将数据发送至RS232端口”（如果选择了“将设备发送至文件”按钮）或“从RS232端口读取数据”（如果选择了“将文件发送至设备”按钮）。
- 8 在电脑上，点击弹出对话框的OK按钮开始下载或上传，当所有数据都传输完毕后，这个过程就会自动结束。

继续的



安装

配置

业务

其他资料

索引



Each entry within the Users section relates to a corresponding entry within the Passwords section and also a column within each row of the Computers section.

- To grant a user access to a computer, enter the value '1' in the column of the Computers section that relates to the position of the user's name entry, e.g. third name down in the User section = third column along after the computer's port address (in the Computers section).
- To deny a user access to a computer, remove the value '1' from the column of the Computers section that relates to the position of the user's name entry.
- The ADMIN user will always be granted access to all computers regardless of the values entered.

[illegible]

End of Data.

- Computer names and access details



What to do if the ADMIN password has been forgotten

If the ADMIN password becomes mislaid or forgotten, you will not be able to access the AdderView CATx 1000 to add or edit users and computer names. This situation may be resolved by performing a complete reset to return the AdderView CATx 1000.

IMPORTANT: A complete reset erases all the user names and computer names that you have setup.

To clear a password (and restore factory default settings)

- 1 Remove power from the AdderView CATx 1000 unit.
- 2 Connect the AdderView CATx 1000 unit to a computer in the same manner as you would to carry out a flash upgrade - see [Performing flash upgrades](#).
- 3 Press and hold the reset button on the front panel (requires paper clip or similar).
- 4 Apply power and after 3 seconds release the reset button. The 'UPG' LED should now be illuminated.
- 5 Set the computer serial settings to the following: 57600, n, 8, 1
- 6 Using 'TeraTerm' (recommended) or an alternative terminal program, send "CLEAR<cr>" - in UPPER CASE from the keyboard. The AdderView CATx 1000 unit should respond with "OK".
- 7 The password is now clear and all factory default settings restored.



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

如果忘记了ADMIN密码该怎么办

如果ADMIN密码丢失或忘记，您将无法访问AdderView CATx 1000来添加或编辑用户和计算机名称。这种情况可以通过执行完全重置来解决，以返回AdderView CATx 1000。

重要提示： 完全重置将删除您设置的所有用户名和计算机名。

清除密码（并恢复出厂默认设置）

- 1 切断AdderView CATx 1000装置电源。
- 2 以与执行闪存升级相同的方式将AdderView CATx 1000单元连接到计算机-请参见[执行闪存 升级](#)。
- 3 按住前面板上的复位按钮（需要回形针或类似工具）。
- 4 施加电源，3秒后松开复位按钮。此时 “UPG” LED应亮起。
- 5 将计算机串行设置设定为以下值：57600、n、8、1
- 6 使用 “TeraTerm” （推荐）或另一个终端程序，从键盘发送 “CLEAR <cr>” ——大写。AdderView CATx 1000个单元应响应 “OK” 。
- 7 密码现在是清晰的，所有出厂默认设置都已恢复。



安装

配置

业务

其他
资料

索引

Power switching configuration

Power switch configuration comprises two main steps:

- Configure the POWER CONTROL serial port to the same speed as used by the power switch box(es) via the [configuration menu](#).
- Configure power ON and OFF strings for each relevant host computer.

For each power port there needs to be a valid 'Power ON string' and similarly an appropriate 'Power OFF string'. In each case, the strings are a short sequence of characters that combine a port address and a power on or off value.

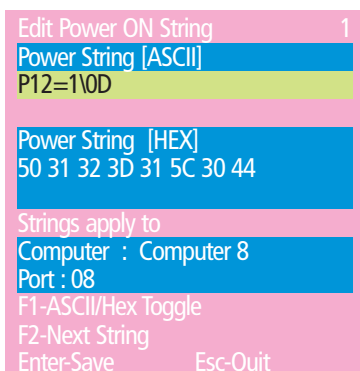
If a particular computer has more than one power input (and thus requires an equivalent number of power ports to control them), collections of strings can be combined to switch all of the required ports together as a group.

To configure the power sequences for each host computer

- 1 Select the on-screen menu in one of two ways:
 - By simultaneously pressing and then releasing   , or
 - By pressing the middle and right buttons of a three button mouse.

Note: The mouse switching option is usable only if the 'Mouse Switching' option is enabled. See [Global preferences](#) for more details.

If the login screen is displayed, enter a valid password.
- 2 Press  to select 'More menus'.
- 3 Highlight the 'Functions' option and press  to select.
- 4 Highlight the 'Power Control' option and press  to select.
- 5 As appropriate, highlight either the 'Edit Power ON String' or the 'Edit Power OFF String' options to display a screen similar to the one shown below:



- 6 Enter the required codes either within the upper ASCII section or the middle HEX section (use  to change between them). The required codes are explained in 'Power control sequences' opposite.
- 7 Press  to store the details and exit from the screen.

Power control sequences

Note: The settings given below are an example. Actual power switches may require different settings. Please refer to your power switch documentation for details about codes required by other power switches.

The structure of each power sequence (OFF and ON) is as follows:

$Pxy=z\backslash 0D$

Where:

- x** is the switch box number,
- y** is the power port number,
- z** is '0' for OFF or '1' for ON, and
- \0D** represents Enter (or Carriage return).

Example 1

To switch ON port 5 of switch box 2, the code would be as follows:

- Power sequence: $P25=1\backslash 0D$

Example 2

To switch OFF port 8 of switch box 3, the code would be as follows:

- Power sequence: $P38=0\backslash 0D$

For details about operating this feature, see [Power switching \(via configuration menu\)](#) within the Operation chapter.

To control two or more ports simultaneously

You can control up to four power ports using a single sequence. This is done using the same command structure as shown above, plus a delay command, for each port. Immediately following a port command, insert the characters '*' before the next port command, and so on up to four ports. For instance, to switch on ports 1 and 2 in the first power switch, the command line would be:

$P11=1\backslash 0D\ast P12=1\backslash 0D$



电源切换配置

电源开关的配置主要有以下两个步骤：

- 通过配置菜单，将POWER CONTROL串口配置为与电源开关盒（ES）使用的速度相同。
 - 为每台相关主机配置电源打开和关闭字符串。每个电源端口都需要一个有效的“电源打开字符串”，类似地，也需要一个适当的“电源关闭字符串”。在每种情况下，这些字符串都是一个短的字符序列，将端口地址和电源打开或关闭值组合在一起。
- 如果某台计算机具有多个电源输入（因此需要等量的电源端口来控制它们），则可以将字符串集合组合起来，以将所有必需端口作为一个组一起切换。

为每台主机配置电源序列

1 通过以下两种方式之一选择屏幕菜单：

- 通过同时按住并松开Ctrl画回或
- 按三键鼠标中的中间和右侧按钮。

注意：只有在“鼠标切换”选项启用的情况下，鼠标切换选项才可用。有关

详细信息，请参阅全局首选项。如果显示登录屏幕，请输入有效的密码。

- 2 按回选择“更多菜单”。
- 3 突出显示“功能”选项并按下Enter选择。
- 4 突出显示“电源控制”选项并按下Enter选择。
- 5 适当时，突出显示“编辑电源ON字符串”或“编辑电源OFF字符串”选项，以显示与下图类似的屏幕：



- 6 在上部的ASCII部分或中间的HEX部分输入所需的代码（使用回在两者之间切换）。所需的代码在背面的“电源控制序列”中解释。
- 7 按压Enter存储详细信息并退出屏幕。

电源控制序列

注意：以下设置仅为示例，实际电源开关可能需要不同的设置。有关其他电源开关所需的代码的详细信息，请参阅电源开关文档。

每个功率序列（关闭和开启）的结构如下： $P_{xy} = z \backslash 0D$

地点：

- x是交换机箱号，
- y是电源端口号，
- z为“0”表示关闭，为“1”表示打开，以及
- \0D表示Enter（或回车）。

示例1

要打开交换机箱2的端口5，代码如下：

- 电源序列：P25=1\0D

示例2

要关闭交换机箱3的端口8，代码如下：

- 功率序列：P38=0\0D

有关操作此功能的详细信息，请参阅“操作”一章中（通过配置菜单）的“电源切换”。

同时控制两个或多个端口

您最多可以通过一个指令序列控制四个电源端口。具体操作时，需使用与前文相同的命令结构，并为每个端口添加延迟指令。在执行完一个端口指令后，需在下一个端口指令前插入字符‘*’，依此类推最多可控制四个端口。例如，若要在第一个电源开关中同时开启1号和2号端口，其命令行应为：

P11=1\0D*P12=1\0D



安装
配置
业务
其他资料
索引

Performing upgrades

The AdderView CATx 1000 units are fully upgradeable via flash upgrades, as are the individual Computer Access Modules that are used to link all host computers. Such upgrades require a Windows-based computer system to be linked via the OPTIONS port.

Upgrading AdderView CATx 1000 units and CAMs

The KVM Firmware Uploader utility is available from the Adder Technology website (www.adder.com) and allows you to check the current revision of the AdderView CATx 1000 unit firmware as well as every Computer Access Module connected to it.

Items required to use the upgrade utility

- Optional serial upgrade cable (see [Appendix 2](#) for pin-out specifications).
- A Windows-based upgrade computer with an RS232 serial port.
- The latest version of the KVM Firmware Uploader and firmware files for the AdderView CATx 1000 - available from the *Technical Support > Updates* section of the Adder Technology website (www.adder.com).

To use the KVM Firmware Uploader utility

1 - Obtain and run the KVM Firmware Uploader.

Download the latest AdderView CATx 1000 KVM Firmware Uploader from the Adder Technology website and install it on a Windows-based upgrade computer that will be connected to the AdderView CATx 1000 unit. The files are supplied as a compressed ZIP file. Decompress the ZIP file with an appropriate tool such as WinZip (www.winzip.com) and copy all contained files to the same folder on the upgrade computer.

2 - Power off the AdderView CATx 1000

Remove the power supply plug from the rear panel of the unit.

3 - Connect the upgrade computer to the AdderView CATx 1000

Connect the upgrade computer to the OPTIONS port on the rear panel of the AdderView CATx 1000 unit using the supplied upgrade cable.

Set the configuration of the computer's serial port to: 19200 baud, 8 data bits, no parity, 1 stop bit.

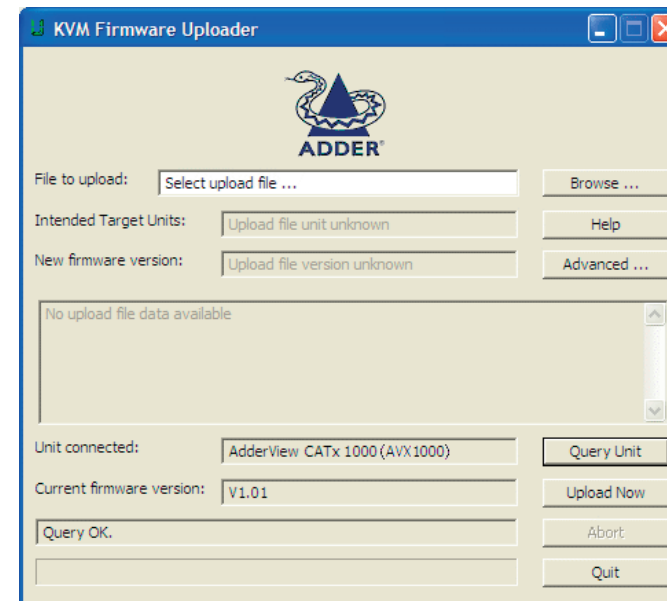
4 - Power on the AdderView CATx 1000 and invoke upgrade mode

Use a straightened out paper clip to press and hold the reset button (small hole adjacent to the front panel connector). Reconnect power and wait for three seconds before releasing.

The UPG indicator should illuminate to show that the AdderView CATx 1000 is ready to be upgraded.

5 - Run the KVM Firmware Uploader utility

From that folder, select the KVMUploader icon to run the upgrade utility. The KVM Firmware Uploader dialog will be displayed:



6 - Query the AdderView CATx 1000 unit

Click the *Query Unit* button to confirm that communication is possible with the AdderView CATx 1000 and to establish the firmware details of the main unit and all connected CAMs.

Note: The computer to which each CAM is connected must be powered before the respective CAM can be accessed.

Note: AdderView CATx 1000 units in lower levels of cascade links (and their respective CAMs) cannot be queried or upgraded while remaining in the cascade arrangement.

If the application cannot contact the AdderView CATx 1000, re-check the connection cable and click the *Advanced...* button to check that the correct serial port is being used. Change the serial port within the *Advanced* section, if necessary.

continued



执行升级

AdderView CATx 1000设备可通过闪存升级完全可升级，用于连接所有主机的各个计算机访问模块也是如此。此类升级需要通过OPTIONS端口连接基于Windows的计算机系统。

升级AdderView CATx 1000单元和CAM

KVM固件上传程序可以从Adder Technology网站（www.adder.com）获得，该程序允许您检查AdderView CATx 1000单元固件的当前版本以及与之连接的每个计算机访问模块。

使用升级实用程序所需的项目

- 可选的串行升级电缆（引脚规格见附录2）。
- 带RS232串行端口的基于Windows的升级计算机。
- 最新版本的KVM固件上传器和AdderView CATx 1000的固件文件-可从Adder Technology网站（www.adder.com 技术支持> 更新）部分获得。

使用KVM固件上传器实用程序

1 - 获取并运行KVM固件上传器。

从Adder Technology网站下载最新的AdderView CATx 1000 KVM固件上传器，并将其安装在将连接到AdderView CATx 1000设备的Windows升级计算机上。文件以压缩的ZIP文件提供。使用适当的工具（如WinZip（www.winzip.com））解压缩ZIP文件，然后将所有包含的文件复制到升级计算机上的相同文件夹中。

2 - 关闭AdderView CATx 1000

从设备后面板上拔下电源插头。

3 - 将升级计算机连接到AdderView CATx 1000

使用提供的升级电缆，将升级计算机连接到AdderView CATx 1000单元后面板上的OPTIONS端口。

将计算机串行端口的配置设置为：19200波特，8个数据位，无奇偶校验，1个停止位。

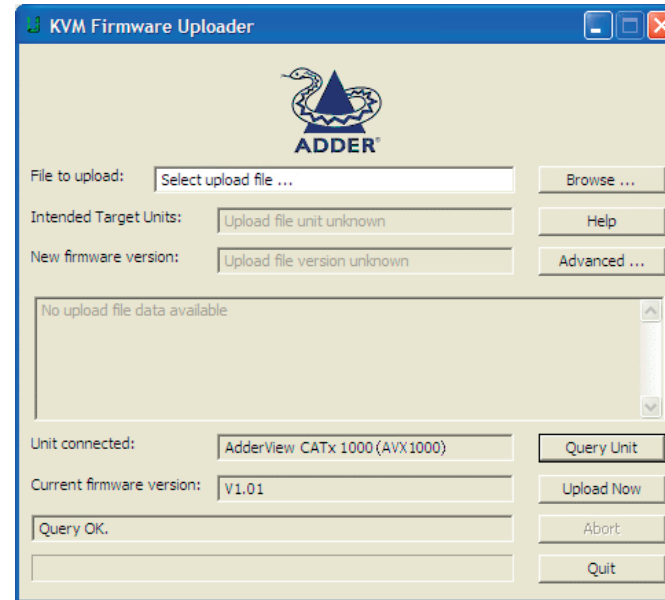
4 - 打开AdderView CATx 1000电源并调用升级模式使用一个拉直的回形针按住

复位按钮（紧邻前面板连接器的小孔）。重新连接电源，等待三秒钟后再松开。

UPG指示灯应点亮，以显示AdderView CATx 1000已准备好进行升级。

5 - 运行KVM固件上传器实用程序

从该文件夹中，选择KVMUploader图标以运行升级实用程序。将显示KVM固件上传器对话框：



6 - 查询AdderView CATx 1000装置

点击 查询单元 按钮，以确认可以与AdderView CATx 1000通信，并建立主机和所有连接CAM的固件详细信息。

注：必须先为每个CAM所连接的计算机供电，然后才能访问相应的CAM。

注：在级联链路的较低层级中添加的AdderView CATx 1000单元（及其各自的CAM）在保持级联排列时无法查询或升级。

如果应用程序无法联系AdderView CATx 1000，请重新检查连接电缆，并单击“高级...”按钮，以检查是否使用了正确的串行端口。如有必要，请在“高级”部分中更改串行端口。

继续的



安装

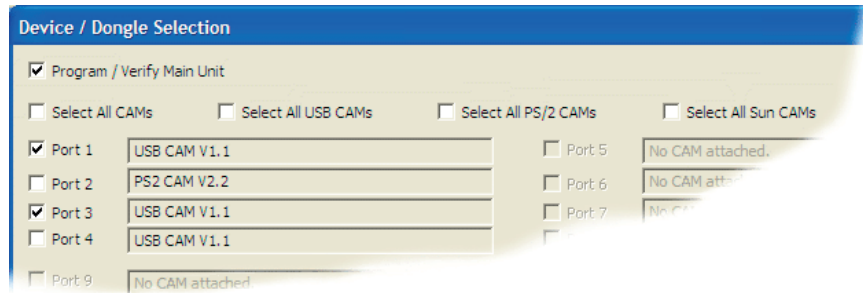
配置

业务

其他资料

索引

The results of the unit query will be displayed in the Device/Dongle Selection dialog:



The type and firmware revision of each discovered CAM will be displayed alongside the port number to which it is connected.

7 - Select the items to be upgraded

Using the Device/Dongle Selection dialog you can determine which items should receive a firmware upgrade:

- Use the *Program / Verify Main Unit* option to include or exclude the AdderView CATx 1000 unit itself.
- Use the *Select All CAMs* option to upgrade every discovered CAM.
- Use the *Select All USB / PS2 / Sun CAMs* options to upgrade only CAMs of a certain type.
- Use the individual port options to select particular CAM devices to upgrade.

When the required options have been selected, click OK.

Note: Approximate upgrade times are: AdderView CATx 1000 unit = 4½ minutes; each selected CAM = 20 seconds.

8 - Select the upgrade file to be used

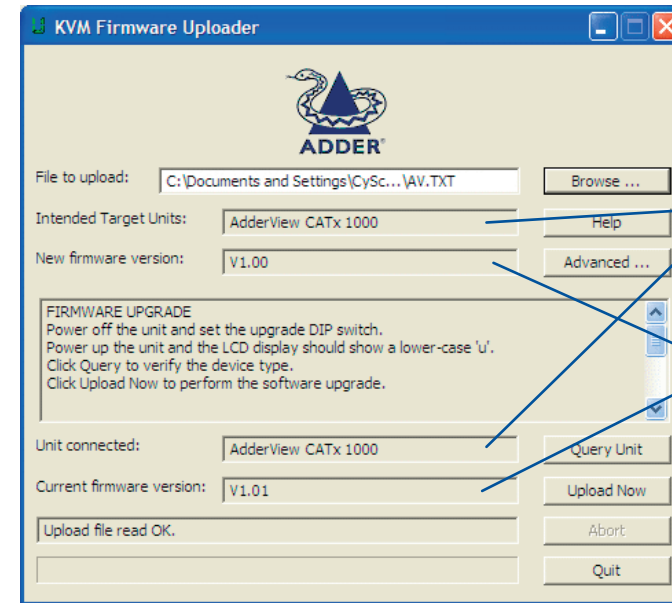
From the main KVM Firmware Uploader dialog, click the *Browse...* button and select the upgrade file:

AV1000_x.xx.txt

where x.xx is the firmware version.

The upgrade file details will be displayed within the dialog.

IMPORTANT: Check that the 'Intended Target Units' field matches the 'Unit Connected' field. If these fields do not match then you may have an incorrect upgrade file, check with Adder Technology Ltd before proceeding. Check also that the 'New firmware version' is greater than the 'Current firmware version'.



9 - Commence the upgrade

To begin the upgrade process, click the *Upload Now* button. The progress will be shown within the dialog. Should you decide not to continue with the upload at any stage, click the *Abort* button; response to this is usually immediate, however, during an erase command, the upload will not be aborted until the erase is complete (this may take a few seconds).

10 - Cycle the power

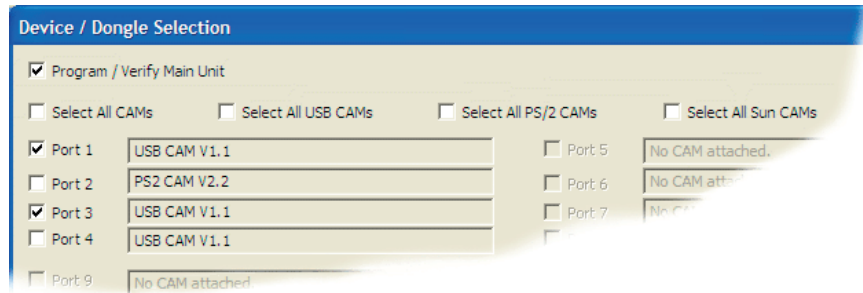
Disconnect the power. When the power is re-applied the AdderView CATx 1000 will operate using the new firmware.

Issues to consider when performing flash upgrades

The upgrade program rewrites the AdderView CATx 1000 firmware code. If the upgrade process is interrupted then the AdderView CATx 1000 will have invalid code and will not be able to operate. It is therefore good practice to ensure that the upgrade process is always fully completed. A partial or failed upgrade may be rectified by performing another upgrade. If the upgrade process is interrupted accidentally then you should press and release the front panel reset button without re-powering the unit. Running faulty or partially upgraded code may have unpredictable results and may damage your AdderView CATx 1000 or computing equipment.

WARNING: Running faulty or partially upgraded code may have unpredictable results and may damage your AdderView CATx 1000 or computing equipment.

单元查询的结果将显示在“设备/适配器选择”对话框中：



将显示所发现的每个CAM的类型和固件修订版本，以及它所连接的端口号。

7 - 选择要升级的项目

使用“设备/适配器选择”对话框，可以确定哪些项目应该接收固件升级：

- 使用“程序/验证主机”选项，将AdderView CATx 1000设备本身包括或排除在外。
- 使用“选择所有CAM”选项可升级每个发现的CAM。
- 使用“选择所有USB / PS2 / Sun CAM”选项，可以仅升级特定类型的CAM。
- 使用单个端口选项选择要升级的特定CAM设备。

选择所需选项后，单击“确定”。

注：近似升级时间是：AdderView CATx 1000单元=4½分钟；每个选定CAM = 20秒。

8 - 选择要使用的升级文件

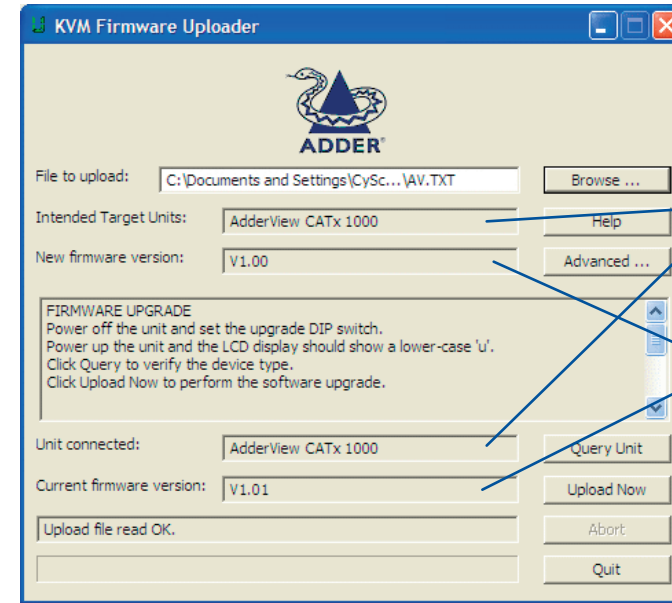
在主KVM固件上载器对话框中，单击浏览...按钮并选择升级文件：

AV1000_x.xx.txt

其中，x.xx是固件版本。

将在此对话框中显示升级文件的详细信息。

重要提示：检查“目标设备”字段是否与“连接的设备”字段匹配。如果这些字段不匹配，则升级文件可能不正确，请在继续操作前与Adder Technology Ltd联系。同时检查“新固件版本”是否大于“当前固件版本”。



检查“预期目标单位”字段是否与“连接的单位”字段匹配。

同时，检查“新固件版本”是否大于“当前固件版本”。

9 - 开始升级

要开始升级过程，请单击“立即上载”按钮。进度将在对话框中显示。

如果决定在任何阶段停止上载，请单击“中止”按钮；对此的响应通常是即时的，但是，在擦除命令期间，上载将不会被中止，直到擦除完成（可能需要几秒钟）。

10 - 通电循环

断开电源。重新通电后，AdderView CATx 1000将使用新固件运行。

执行闪存升级时要考虑的问题

升级程序会重写AdderView CATx 1000的固件代码。若升级过程中断，设备将存储无效代码导致无法运行。因此建议始终确保升级过程完整完成。部分或失败的升级可通过重新升级来修正。若意外中断升级，请立即松开前面板的复位按钮，无需重新通电。运行故障或未完成升级的代码可能导致不可预测的结果，甚至损坏AdderView CATx 1000或相关计算设备。

警告：运行故障或部分升级的代码可能会产生不可预知的结果，并可能损坏您的AdderView CATx 1000或计算设备。

Operation



Local and remote user access

Local users (directly connected) and remote users (via an Adder X100/X200 extender) gain access to the AdderView CATx 1000 unit in exactly the same way.

To gain access as a local or remote user:

- 1 From a local or remote keyboard, press any key to display the login prompt:

If the above login prompt is not displayed, you are either already logged in to the AdderView CATx 1000 unit, or the security features have not been implemented. In such cases see 'To view this menu at any time' below.

- 2 Enter your username and password. Providing you have the correct permissions, the screen will display the main menu, showing you a list of computers for which you have permission to access:

To view this menu at any time: Press and hold the hotkeys (usually **Ctrl** and **Alt**), then press **M** and finally release all three keys.

*Note: The **Ctrl** and **Alt** keys when pressed in combination are called 'hotkeys' and they signal to the AdderView CATx 1000 that you wish to control it, rather than the host computer. However, if these particular hotkeys clash with another device or program, then your administrator may change them to a different combination. If the **Ctrl** **Alt** **M** combination fails to work, then please contact your system administrator for details.*

Selecting a computer

There are three main ways for local and remote users to select a specific computer channel:

- Using hotkeys (as described below) – this is a good method if you continually access a small number of computers.
- [Using the on-screen menu](#) – this is the best method when there are many connected computers.
- [Using mouse buttons](#) – this is a good method for cycling between a small number of computers.

For all methods (if the [confirmation box option](#) is enabled), when the required port is selected, a pop up message will be displayed to confirm the computer name or number, and its status. Alternatively, an error message explaining why a connection is not possible (press **Esc** to cancel the latter type of message).

To select a computer using hotkeys

- 1 Simultaneously press and hold **Ctrl** and **Alt**.

*Note: The **Ctrl** and **Alt** keys when pressed in combination are called 'hotkeys' and they signal to the AdderView CATx 1000 that you wish to control it, rather than the computer. However, if these particular hotkeys clash with another device or program, then your administrator may change them to a different combination. If the **Ctrl** **Alt** combination fails to work, then please contact the system administrator for details.*

- 2 While still holding **Ctrl** and **Alt**, press the first numeral of the required port address, then:

- If the port address is a single character, release all of the keys.
- If the port address is two or more characters, release the first numeral key and press the second – repeat this procedure until all of the port address numerals have been entered, then release **Ctrl** and **Alt**.

Note: The numbers on your keyboard's numeric keypad are not valid, use only the numeral keys above the QWERTY section.

Note: If your user port does not have authorisation to view the selected port then an 'Insufficient user rights' messages will be displayed.

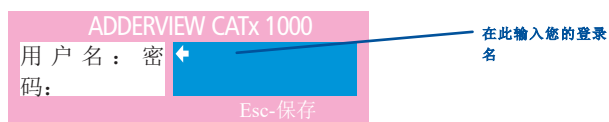
continued

本地和远程用户访问

本地用户（直接连接）和远程用户（通过Adder X100/X200扩展器）以完全相同的方式访问AdderView CATx 1000单元。

要以本地或远程用户身份访问，请执行以下操作：

- 1 从本地或远程键盘上按任意键，将显示登录提示：



如果未显示上述登录提示，您已经登录到AdderView的用户CATx 1000单元，或没有安全功能已实施。在这种情况下，请参阅“查看此”菜单随时在下面。

- 2 输入您的用户名和密码。如果您具有正确的权限，屏幕将显示主菜单，显示您有权访问的计算机列表：



要随时查看此菜单：按住热键（通常 Ctrl 和 Alt ），然后按 M 并最终释放所有三个键。

注： Ctrl 和 Alt 当按键组合被按下时，这些键被称为“热键”，它们会向AdderView CATx 1000发出信号，表明您希望控制它，而不是主机。但是，如果这些特定的热键与其他设备或程序冲突，那么您的管理员可能会将它们更改为不同的组合。如果 Ctrl Alt M 组合操作失败，请与系统管理员联系以获取详细信息。

选择计算机

本地用户和远程用户选择特定计算机通道有三种主要方式：

- 使用热键（如下所述）——如果您要不断地访问少量的计算机，这是个好方法。
- 使用屏幕菜单——当连接的计算机很多时，这是最好的方法。
- 使用鼠标按钮——这是在少量计算机之间循环的好方法。

对于所有方法（如果启用了确认框选项），当选择所需的端口时，将显示弹出消息以确认计算机名称或编号及其状态。或者，显示解释无法建立连接原因的错误消息（按 Esc （取消后一种类型的消息））。

使用热键选择计算机

- 1 同时按下并按住 Ctrl 和 Alt 。

注： Ctrl 和 Alt 当按键组合被按下时，这些键被称为“热键”，它们会向AdderView CATx 1000发出信号，表明您希望控制它，而不是计算机。但是，如果这些特定的热键与其他设备或程序冲突，那么您的管理员可能会将它们更改为不同的组合。如果 Ctrl Alt 组合操作失败，请与系统管理员联系以获取详细信息。

- 2 仍处于保留状态 Ctrl 和 Alt ，按所需端口地址的第一个数字，然后：

- 如果端口地址是一个字符，则释放所有按键。
- 如果端口号为两个或更多字符，请松开第一个数字键并按第二个数字键——重复此过程，直到输入完所有端口号数字，然后松开 Ctrl 和 Alt 。

注意：键盘数字小键盘上的数字无效，只能使用QWERTY部分上方的数字键。

注：如果用户端口没有查看所选端口的授权，则将显示“用户权限不足”消息。

继续的

Standard hotkeys

The range of hotkey combinations are as follows:

*Note: If your hotkeys have been changed, substitute them for **Ctrl** and **Alt** in the examples given here.*

Ctrl **Alt** **1**

Selects port 1

Ctrl **Alt** **2**

Selects port 2

•
•

•
•

Ctrl **Alt** **1** then **0**

Selects port 10

*Note: When entering multiple digit addresses as above or for even longer cascaded computers, keep **Ctrl** and **Alt** pressed down until all other numbers have been entered.*

Ctrl **Alt** **Tab**

Selects the next available port

Ctrl **Alt** **A**

Selects autoscan mode where each (authorised) port is displayed for a period determined by the administrator. To cancel autoscan mode, simply select any fixed channel using any of the suggested methods.

Ctrl **Alt** **0**

Switches off the video signal – this will cause a power saving monitor to enter its standby mode. To awaken the monitor, simply select any fixed channel using any of the suggested methods.

Ctrl **Alt** **L**

Logs out the current user (if security is enabled) or selects port 0 to disable the video signal (if security is disabled).

Ctrl **Alt** & **↓**, **↑**, **←** or **→**

Moves the currently displayed on-screen menu around the screen.

To select a computer using the on-screen menu

1 Select the on-screen menu in one of two ways:

- By simultaneously pressing and then releasing **Ctrl** **Alt** **M**, or
- By pressing the middle and right buttons of a three button mouse.

Note: The mouse switching option is usable only if the 'Mouse Switching' option is enabled. See [Global preferences](#) for more details.

At this point, depending on the security settings and the current log in situation, one of two things will be displayed, either the login screen, or the Selection menu:

ADDERVIEW CATx 1000		
Computer	Port	
Computer 1	01	●
Computer 2	02	●
Computer 3	03	●
Computer 4	04	●
Computer 5	05	●
Computer 6	06	●
Computer 7	07	●
Computer 8	08	●
User Status		
ADMIN		SHARED USE
F1-More menus	F3-Find	
Esc-Quit	F4-Logout	

The Selection Menu – here you can select computers by name.

2 Use the **↓** and **↑** keys (or the scroll wheel of an IntelliMouse) to highlight the required computer name. Alternatively (for large configurations), press **F3** to perform an alphabetical search for a particular port name.

Note: If security has been enabled then only computers to which the current user port has permission will be displayed.

3 Press **↓** to select the highlighted port.

标准热键

热键组合的范围如下：

注意：如果热键已更改，请用它们代替 **Ctrl** 和 **Alt** 在本文给出的例子中。



选择端口1



选择端口2



然后回



选择端口10

注意：当输入多位地址时（如上文所述），或对于更长的级联计算机，应保留 **Ctrl** 和 **Alt** 一直到输入完所有其他数字为止。



选择下一个可用端口



选择自动扫描模式，其中每个（授权）端口显示的持续时间由管理员决定。要取消自动扫描模式，只需使用建议的方法选择任意固定频道即可。



关闭视频信号——这将导致一个电源节省监视器进入其待机模式。要唤醒监视器，只需使用建议的方法选择任何固定频道。



注销当前用户（如果启用了安全）或选择端口0来禁用视频信号（如果禁用安全）。



移动当前显示的屏幕菜单

在屏幕周围。

使用屏幕菜单选择计算机

1 通过以下两种方式之一选择屏幕菜单：

- 通过同时按住并释放 **Ctrl** **Alt** **M** 或
- 按三键鼠标中的中间和右侧按钮。

注意：鼠标切换选项仅在“鼠标”

已启用“切换”选项。 [更多详细信息](#) 请参阅全局首选项。此时，将

显示登录屏幕或选择菜单中的一个选项，具体取决于安全设置和当前登录情况：

ADDERVIEW CATx 1000		
计算机	港口	
计算机1	01	
计算机2	02	●
计算机3	03	●
计算机4	04	●
计算机5	05	●
计算机6	06	●
计算机7	07	●
计算机8	08	●
用户 状态		
行政人员	共享使用	
F1-更多菜单 F3-查找		
退出 F4-注销		

选择菜单——在此您可以按名称选择计算机。

2 使用 **↓** 和 **↑** 键（或IntelliMouse的滚动轮）以突出显示所需的计算机名称。或者（对于大型配置），按 **F3** 对特定端口名称执行按字母顺序搜索。

注：如果已启用安全，则仅显示当前用户端口具有权限的计算机。

3 按压 **↵** 选择高亮显示的端口。

To select a computer using mouse buttons

Note: This procedure works only with three-button or IntelliMouse devices and only if the 'Mouse Switching' option has been enabled by your administrator.

- 1 Hold down the middle button (or scroll wheel) of the mouse.
- 2 Click the left mouse button to select the next computer port. When the correct port is reached, release the middle button.

Note: If security has been enabled then only computers to which you have permission will be displayed.

To select a computer using mouse buttons – Advanced method

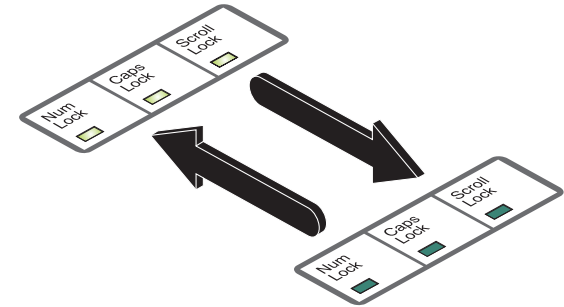
- 1 Select the on-screen menu by pressing the middle and right buttons of a three button mouse.
- 2 Use the scroll wheel to highlight the required computer port.
- 3 Then, select either:
 - *Shared Use* - press the left mouse button - This *standard* method allows other users to view the same computer port. Control of the port is given to one user at a time, on a first-come, first-served basis and is relinquished after a certain period of inactivity.
 - *Escape without selecting a port* – press the right mouse button.

User arbitration - simultaneous local and remote users

During operation, if both the local and remote user consoles are both connected and being used, the connected video monitors will both continuously receive the output from the selected host system. Control of the selected host system (and switching operations) is arbitrated by the AdderView CATx 1000 on a first come, first served basis. In the idle state, control is available to both users and their keyboard indicators both show the current Num Lock, etc. conditions of the host system.

At the moment that a key is pressed or a mouse is moved, the keyboard and mouse of the other user are temporarily locked-out (the video images remain). The keyboard indicators of the locked-out user then begin to flash to confirm their status ⇔

After a period of inactivity (determined by the User Timeout option in Global Preferences) from the user currently in control, the modules return to their idle condition and reinstate the keyboard indicators of the locked-out user.



使用鼠标按钮选择计算机

注意：此过程仅适用于三键鼠标或智能鼠标设备，且仅当管理员已启用“鼠标切换”选项时才有效。

- 1 按住鼠标中间按钮（或滚动轮）。
- 2 单击鼠标左键选择下一个计算机端口。到达正确端口时，松开鼠标中键。

注：如果已启用安全，则仅显示您有权访问的计算机。

使用鼠标按钮选择计算机-高级方法

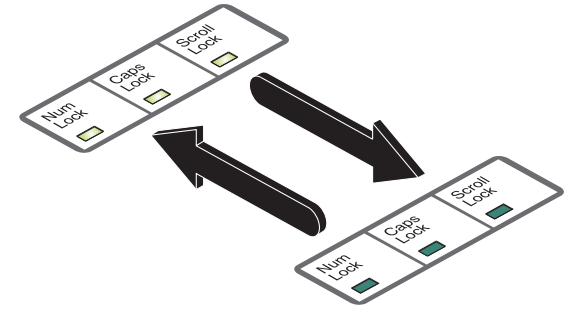
- 1 按三键鼠标中的中间和右侧按钮选择屏幕菜单。
- 2 使用滚动轮突出显示所需的计算机端口。
- 3 然后，选择以下选项之一：
 - **共享使用**—按鼠标左键—此标准方法允许其他用户查看同一计算机端口。一次只能将端口控制权交给一个用户，按先来后到的原则，并在一段时间不活动之后释放。
 - **不选择端口而退出**—按鼠标右键。

用户仲裁-同步本地和远程用户

在运行过程中，若本地和远程用户终端同时连接并使用，已连接的视频监视器将持续接收所选主机系统的输出信号。主机系统的控制权（包括切换操作）由AdderView CATx 1000按照先到先得原则进行仲裁分配。当处于空闲状态时，控制权可同时授予两位用户，其键盘指示灯会同步显示主机系统的当前Num Lock等状态信息。

当按下某个键或移动鼠标时，另一用户的键盘和鼠标会被暂时锁定（视频图像仍然存在）。此时，被锁定用户的键盘指示灯会开始闪烁以确认其状态。在一段不活动期后（由用户确定

如果当前控制用户的“全局首选项”中的超时选项为“启用”，则模块将返回到其空闲状态，并重新设置锁定用户键盘指示器。



Logging in and out

The AdderView CATx 1000 features a straightforward security system that helps to prevent unauthorised access to some, or all connected computers.

If the security option has been selected by your administrator then you will be asked to enter a *User Name* and *Password* when you first access a user port. When you have finished using the computer, it is then good practice to logout, forcing any other users to authenticate themselves prior to use.

Note: If the security option has not been enabled then no login is required.

To log in to the AdderView CATx 1000

- 1 If it is not already displayed, move the mouse or press any key to display the log in screen.
- 2 Enter your designated *User Name* and press .
- 3 Enter your designated *Password* and press . If both entries are correct then the selected port will be displayed.

Note: If either the User Name or Password are incorrect, the entries will be cleared to allow another attempt.

To log out from the AdderView CATx 1000

Either:

- Press   and  at any time to log out.

or

- 1 Select the on-screen menu in one of two ways:

- By simultaneously pressing and then releasing   .

Note: The  and  hotkeys may have been changed. If the combination fails to work, then please contact the system administrator for details, or

- By pressing the middle and right buttons of a three button mouse.

- 2 Press . You will be logged out and the login window will be re-displayed.

Selecting cascaded computers

The AdderView CATx 1000 is not limited to sharing just eight or sixteen computers. By joining numerous AdderView CATx 1000 products together in a tree-like or [cascade](#) arrangement, it is possible for each user port to view many more computers. Although you can use exactly the same selection methods to choose any computer, you are strongly recommended to use the on screen menu method for the following reasons:

- The [on screen menu](#) – this method displays the names of each computer in alphabetical order and also allows you to search for them by name, press  – a useful feature in a long list. This really is the best way to access a large number of computers.
- The [mouse method](#) – this method is fine for small numbers of computers but can take too long to reach the required computer in an extensive configuration.
- The [hotkey method](#) – depending on their position within the connection structure, each computer can have an address up to four digits long which can be difficult to remember and laborious to type.



登录和退出

AdderView CATx 1000具有简单安全系统，可帮助防止未经授权的访问部分或全部连接计算机。

如果管理员已选择了安全选项，则在首次访问用户端口时，系统将要求您输入用户名和密码。当您使用完计算机后，注销是良好的做法，这样可以强制其他用户在使用前进行身份验证。

注：如果未启用安全选项，则不需要登录。

登录AdderView CATx 1000

- 1 如果尚未显示，则移动鼠标或按任意键以显示登录屏幕。
- 2 输入指定的用户名，然后按[Enter]。
- 3 输入您指定的密码并按[Enter]。如果两个条目都正确，则将显示所选端口。

注：如果用户名或密码不正确，则将清除条目以允许再次尝试。

从AdderView CATx 1000中退出

任一：

- 按压[Ctrl] [Alt] 和[L] 随时可以退出。

或

- 1 通过以下两种方式之一选择屏幕菜单：
 - 通过同时按住并随后释放画画[M]。

注：[Ctrl] 和[Alt] 可能已更改了热键。如果组合键不起作用，请与系统管理员联系以了解详细信息，或

- 按三键鼠标中的中间和右侧按钮。
- 2 按压[F4]。您将退出登录，重新显示登录窗口。

选择级联计算机

AdderView CATx 1000的共享能力远不止8台或16台计算机。通过将多台AdderView CATx 1000设备以树状或级联方式连接，每个用户端口都能查看更多计算机。虽然您可以使用完全相同的筛选方法选择任何计算机，但我们强烈建议您使用屏幕菜单方法，原因如下：

- **屏幕上的菜单**——此方法按字母顺序显示每台计算机的名称，还允许您通过名称搜索它们，按[F3] -在长列表中非常有用的功能。这确实是访问大量计算机的最佳方式。
- **小鼠法**——此方法对于少量的计算机来说是好的，但是在广泛的配置中可能需要太长时间才能到达所需的计算机。
- **快捷键方法**——根据它们在连接结构中的位置，每台计算机可以具有最多四位数的地址，这可能很难记住和输入。



安装

配置

业务

其他资料

索引

The confirmation box

The AdderView CATx 1000 provides the option of a confirmation box that is displayed on screen for three seconds after a computer is selected. The confirmation box indicates the current user port and your user name, the selected computer and the connection status. You can enable or disable the confirmation box, as required.

To enable/disable the confirmation box

- 1 Select the on-screen menu in one of two ways:
 - By simultaneously pressing and then releasing **Ctrl** **Alt** **M**, or
 - By pressing the middle and right buttons of a three button mouse.If you are not already [logged in](#), do so now.
- 2 Press **F1** to select 'More menus'.
- 3 Highlight the 'User Preferences' option and press **↓** to select.
- 4 Highlight the 'Confirmation Box' option and press **Space** to select 'ENABLED' or 'DISABLED', as required.
- 5 Press **Esc** to save the settings. Press **Esc** twice more to return to the computer port and view your changes.

The reminder banner

As many computer screen layouts can appear very similar, the AdderView CATx 1000 provides a reminder banner option that indicates which computer port you are currently viewing. The banner is usually displayed at the top of the screen, using white lettering and transparent background. You can:

- Move the banner
- Change the banner colours, and/or
- Disable the banner

To move the reminder banner

- 1 While viewing a computer port, press and hold **Ctrl** and **Alt**.
*Note: The **Ctrl** and **Alt** hotkeys may have been changed. If the combination fails to work, then please contact the system administrator for details.*
- 2 Press the **↓**, **↑**, **←** and **→** keys to move the banner to the required position.

To change banner colours or disable the banner

- 1 Select the on-screen menu in one of two ways:
 - By simultaneously pressing and then releasing **Ctrl** **Alt** **M**, or
 - By pressing the middle and right buttons of a three button mouse.If you are not already [logged in](#), do so now.
- 2 Press **F1** to select 'More menus'.
- 3 Highlight the 'User Preferences' option and press **↓** to select.
- 4 Select the required option:
 - To disable the banner – highlight 'Reminder Banner' and press **Space** until 'DISABLED' is shown.
 - To change colours – highlight 'Reminder Colour' and press **Space** until the desired colour combination is displayed.
- 5 Press **Esc** to save the settings. Press **Esc** twice more to return to the computer port and view your changes.



确认框

AdderView CATx 1000提供了一个确认框选项，该确认框在选择计算机后在屏幕上显示三秒钟。确认框指出当前用户端口和您的用户名、所选计算机以及连接状态。您可以根据需要启用或禁用确认框。

启用/禁用确认框

- 1 通过以下两种方式之一选择屏幕菜单：
 - 通过同时按住并释放画回，或
 - 通过按三键鼠标中的中间和右边按钮。如果您尚未[登录](#)，请立即登录。
- 2 按回选择“更多菜单”。
- 3 突出显示“用户首选项”选项，然后按 $\downarrow$ 选择。
- 4 突出显示“确认框”选项，然后按 Space 根据需要选择“启用”或“禁用”。
- 5 按压 Esc 要保存设置，请按 Esc 再次双击以返回到计算机端口并查看所做的更改。

提醒栏

由于许多计算机屏幕布局可能非常相似，AdderView CATx 1000提供了一个提示横幅选项，用于指示您当前正在查看的计算机端口。该横幅通常显示在屏幕顶部，使用白色字体和透明背景。您可以：

- 移动横幅
- 更改横幅颜色，和/或
- 禁用横幅

移动提醒横幅

- 1 查看计算机端口时，请按住 Ctrl 和 Alt 。
注： Ctrl 和 Alt 可能已更改了热键。如果组合键不起作用，请与系统管理员联系以了解详细信息。
- 2 按下“ $\downarrow$ ”，“ $\uparrow$ ”，“ $\leftarrow$ ”和“ $\rightarrow$ ”将横幅移动到所需位置的键。

要更改横幅颜色或禁用横幅

- 1 通过以下两种方式之一选择屏幕菜单：
 - 通过同时按住并释放 Ctrl Alt M 或
 - 通过按三键鼠标中的中间和右边按钮。如果您尚未[登录](#)，请立即登录。
- 2 按回键选择“更多菜单”。
- 3 突出显示“用户首选项”选项，然后按 $\downarrow$ 选择。
- 4 选择所需选项：
 - 要禁用横幅，请高亮显示“提醒横幅”并按 Space 直到显示“禁用”为止。
 - 要更改颜色，请高亮显示“提醒颜色”并按 Space 直到显示所需的颜色组合。
- 5 按压 Esc 要保存设置，请按 Esc 再次双击以返回到计算机端口并查看所做的更改。



安装

配置

业务

其他资料

索引

Power switching (via configuration menu)

When used in conjunction with optional power switch boxes, the AdderView CATx 1000 allows you complete remote control over the connected computers. The primary function of the power switching option is to remotely power down and reset computers that are failing to respond.

To switch a computer on or off

- 1 Select the on-screen menu in one of two ways:
 - By simultaneously pressing and then releasing **Ctrl** **Alt** **M**, or
 - By pressing the middle and right buttons of a three button mouse.If you are not already [logged in](#), do so now.
- 2 Switch to the computer port that needs to be switched on or off.
Note: If the computer is still responding, try to shut it down normally before attempting a power switch operation.
- 3 Display again the on screen menu and press **F1** to select 'More menus'.
- 4 The 'Functions' option should be highlighted, press **↓**.
- 5 Highlight 'Power Control' and press **↓**.
- 6 Highlight either 'Switch Computer ON' or 'Switch Computer OFF' as necessary and press **↓**. A warning message with two options will be displayed.
- 7 Press **F8** to confirm or **F9** to confirm and exit. The latter option clears the menu so that, if required, you can be ready to enter any escape sequences that are needed by the computer (to access its BIOS setup area), during the bootup sequence.

User preferences and functions

In addition to customising the reminder banner as described earlier, you can also:

- Change the colour of the on screen menu,
- Select the screen saver style,
- Restore mouse operation, or
- Perform power control functions.

All of these options are discussed within [Appendix 1](#).



电源切换（通过配置菜单）

当与可选电源开关盒一起使用时，AdderView CATx 1000允许您对连接的计算机进行完全远程控制。电源切换选项的主要功能是远程关闭和重置无法响应的计算机。

打开或关闭计算机

1 通过以下两种方式之一选择屏幕菜单：

- 通过同时按住并释放 **Ctrl** **Alt** **M** 或
- 通过按三键鼠标中的中间和右边按钮。如果您尚未[登录](#)，请立即登

录。

2 切换到需要打开或关闭的计算机端口。

注意：如果计算机仍然响应，请在尝试电源开关操作之前，先尝试正常关闭计算机。

3 再次显示屏幕菜单，然后按 **F1** 选择“更多菜单”。

4 应突出显示“功能”选项，然后按 **↓**。

5 突出显示“电源控制”，然后按 **↓**。

6 突出显示“打开计算机”或“关闭计算机”，如下所示

必要且紧迫 **↓**。将显示带有两个选项的警告消息。

7 按压 **F8** 以确认或 **F9** 确认并退出。后一个选项将清除菜单，以便在需要时，您可以在启动过程中准备输入计算机所需的任何转义序列（以访问其BIOS设置区域）。

用户偏好和功能

除了按照前面所述对提醒横幅进行自定义之外，您还可以执行以下操作：

- 更改屏幕菜单的颜色，
- 选择屏幕保护程序样式，
- 恢复鼠标操作，或
- 执行电源控制功能。

所有这些选项都在[附录1](#)中讨论。



安装

配置

业务

其他
资料

索引

Further information

This chapter contains a variety of information, including the following:

- Getting assistance - see right
- Appendices
 - Appendix 1 - [Configuration menus](#)
 - Appendix 2 - [Cable specifications](#)

Getting assistance

If you are still experiencing problems after checking the information contained within this guide, then please refer to the Support section of our website:

www.adder.com



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

进一步资料

本章包含多种信息，包括以下内容：

- 获得援助-见右
- 附件
 - 附录1 - [配置菜单](#)
 - 附录2 - [电缆规格](#)

获得援助

如果检查本指南中的信息后，您仍然遇到问题，请访问我们的网站，查看“支持”部分：

www.adder.com



安装

配置

业务

其他资料

索引

Appendix 1 – Configuration menus

The AdderView CATx 1000 configuration menus allow a range of settings to be made both to the installation as a whole and to parts of the system accessed by each user.

To access the configuration menus

1 Select the on-screen main menu in one of two ways:

- By simultaneously pressing and then releasing **Ctrl** **Alt** **M**, or
- By pressing the middle and right buttons of a three button mouse.

If you are not already logged in, do so now. [What to do if the ADMIN password has been forgotten.](#)

2 Press **F1** to select 'More menus'.

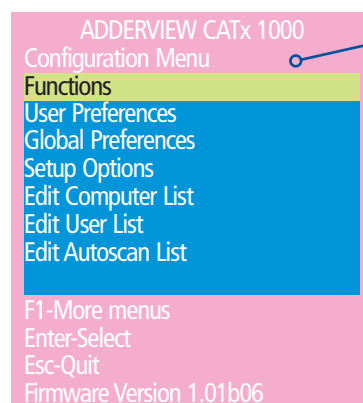
3 Use the following keys:

↑ and **↓** to highlight required options.

Space to change option values.

Esc to quit and save the changes.

The full set of options are only available to the Admin user. All other users will see a subset of these.



The following items and menus are available in the Configuration menu:

- [Functions](#)
- [User Preferences](#)
- [Global Preferences](#)
- [Setup Options](#)
- [Edit Computer List](#)
- [Edit User List](#)
- [Edit Autoscan List](#)
- [Advanced Options](#) (F1-More menus)

附录1-配置菜单



AdderView CATx 1000配置菜单允许对整个安装以及每个用户访问的系统部分进行一系列设置。

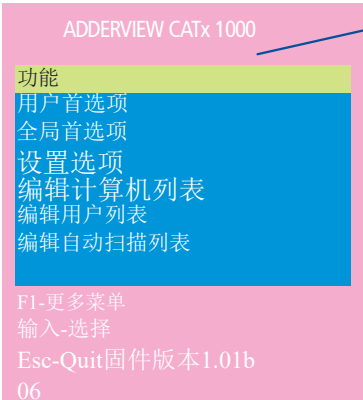
访问配置菜单

- 1 通过以下两种方式之一选择屏幕上的主菜单：
 - 通过同时按住并释放画画回，或
 - 按三键鼠标中的中间和右边按钮。如果您尚未登录，请立即登录。

如果忘记了ADMIN密码，该怎么办。

- 2 按压 **F1** 选择“更多菜单”。
- 3 使用以下按键：
 - ↑** 和 **↓** 以突出显示必需的选项。 **Space** 更改选项值。
 - Esc** 退出并保存更改。

完整的选项集仅对Admin用户可用。所有其他用户将看到这些选项的子集。



“配置”菜单中提供以下项目和菜单：

- [功能](#)
- [用户首选项](#)
- [全局首选项](#)
- [设置选项](#)
- [编辑计算机列表](#)
- [编辑用户列表](#)
- [编辑自动扫描列表](#)
- 高级选项（F1-更多菜单）

Functions

The Functions menu contains a collection of procedures that affect various aspects of AdderView CATx 1000 operation. Only the Admin user is granted access to all functions, other users are offered only the following options:

- *Restore Standard Mouse*,
- *Restore Intellimouse*,
- *Power control* - only computers to which a user has access rights can be switched.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Select 'Functions'.

Restore Standard Mouse

This option is used to resume standard mouse operation if it has ceased to operate, for instance, if it has been connected without rebooting the AdderView CATx 1000.

Restore Intellimouse

This option is used to resume Microsoft Intellimouse operation if it has ceased to operate, for instance, if it has been connected without rebooting the AdderView CATx 1000.

Clear UTP Extender Password

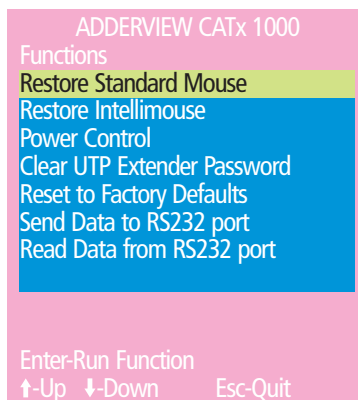
Available only at the local console connection, this option places any X100 or X200 extender that is locked in password mode into configuration mode. The extended user can then clear or re-enter the password, as required.

Reset to Factory Defaults

Returns all key settings within the AdderView CATx 1000 to their original states.

WARNING: This function will clear all computer and user lists that are stored within the AdderView CATx 1000.

When this option is selected, you must press **F8** to confirm the action. The internal data will be rewritten and a completion message displayed after a short period.



Power Control

The options within this section are usable only when the AdderView CATx 1000 is used in conjunction with one or more external power switch units. For more details see: power switching [connections](#), [configuration](#) or [operation \(via menu\)](#)

Switch Computer ON

Select this option to power on one or more computers.

Switch Computer OFF

Select this option to power off one or more computers.

Edit Power ON String

Select this option to alter the special codes that are sent from the AdderView CATx 1000 to the connected power switch(es) in order to switch computers on.

Edit Power OFF String

Select this option to alter the special codes that are sent from the AdderView CATx 1000 to the connected power switch(es) in order to switch computers off.

Send Data to RS232 port

This option is used to save AdderView CATx 1000 configuration information to a specially connected computer. A temporary link must be made using the **OPTIONS** port at the rear of the AdderView CATx 1000 and the computer must run a custom routine available from Adder Technology Limited. The resulting download file can be optionally edited (using a text editor or spreadsheet) and/or reloaded into the AdderView CATx 1000. This option is especially useful in complex cascade arrangements where many computers are attached. See [Saving and restoring configuration settings](#) for more details.

Read Data from RS232 port

This option is used to reload configuration information into the AdderView CATx 1000 from a specially connected computer. See above for more details.



“功能”菜单包含一系列影响AdderView CATx 1000操作的各个方面的过程。只有管理员用户被授予访问所有功能的权限，其他用户只能选择以下选项：

- 恢复标准鼠标，
- 恢复Intellimouse，
- 电源控制——只能切换用户具有访问权限的计算机。

到此地的路线

- 1 通过本地或远程键盘，以标准（选项有限）或“admin”用户身份登录。
- 2 按压 **Ctrl** **Alt** **M**（hotkeys可以改变）。
- 3 按回选择“更多菜单”。
- 4 选择“函数”。

恢复标准鼠标

该选项用于恢复已停止的标准鼠标操作，例如，在未重新启动AdderView CATx 1000的情况下连接时。

恢复智能鼠标

此选项用于在Microsoft Intellimouse停止运行时恢复其操作，例如，在未重新启动AdderView CATx 1000的情况下连接时。

清除UTP扩展器密码

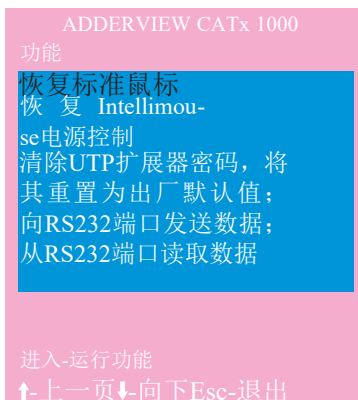
此选项只能在本地控制台连接时使用，它将任何被锁定在密码模式下的X100或X200扩展器置于配置模式。然后，扩展用户可以根据需要清除或重新输入密码。

重置为出厂默认值

将AdderView CATx 1000中的所有关键设置恢复为原始状态。**警告：此功能将**

清除AdderView CATx 1000中存储的所有计算机和用户列表。

选择此选项时，必须按**F8**以确认该操作。内部数据将被重写，并在短一段时间后显示完成消息。



电源控制

本节中的选项仅当AdderView CATx 1000与一个或多个外部电源开关单元一起使用时可用。有关详细信息，请参见：[电源开关连接、配置或操作（通过菜单）](#)

打开计算机

选择此选项可为一台或多台计算机通电。

关闭计算机

选择此选项可关闭一台或多台计算机。

编辑电源ON字符串

选择此选项可更改从AdderView CATx 1000发送到连接的电源开关（ES）的特殊代码，以便打开计算机。

编辑关机字符串

选择此选项可更改从AdderView CATx 1000发送到连接的电源开关（ES）的特殊代码，以便关闭计算机。

将数据发送至RS232端口

此选项用于将AdderView CATx 1000的配置信息保存至专用连接计算机。需要通过设备后部的OPTIONS端口建立临时连接，并确保计算机运行Adder Technology Limited提供的定制程序。生成的下载文件可进行编辑（使用文本编辑器或电子表格软件）和/或重新加载至AdderView CATx 1000。该功能在需要连接多台计算机的复杂级联配置中特别实用，更多详情请参阅《[配置设置的保存与恢复](#)》。

从RS232端口读取数据

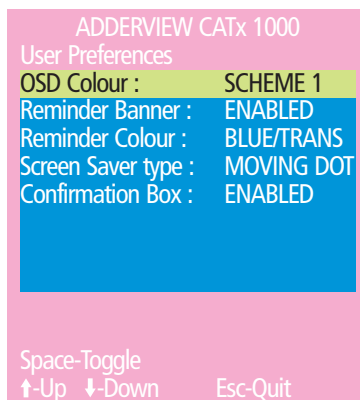
此选项用于从特别连接的计算机将配置信息重新载入到AdderView CATx 1000中。有关详细信息，请参见上文。

User Preferences

The User Preferences are system operating parameters that are independently selectable for each user and affect only their screen.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Select 'User Preferences'.



OSD Colour

Settings: SCHEME 1, SCHEME 2, SCHEME 3

As you toggle between these options you will see the colour of the menu change to show the selected scheme. The menu schemes have been specially chosen to provide a high contrast with the colours that you would normally see on a computer screen.

Reminder Banner

Settings: ENABLED, DISABLED

When the reminder banner is enabled, the name of the currently selected computer will appear in a small reminder banner. This is normally located at the top of the screen in a central position but may be moved as required (see [To move the reminder banner](#)).

Reminder Colour

Settings: BLUE/TRANS, PINK/TRANS, BLUE/WHITE, WHITE/RED

You can select the colour of the reminder banner. The BLUE/TRANS and PINK/TRANS select blue or pink text with a transparent background. The BLUE/WHITE and WHITE/RED settings select blue and white text on solid white and red backgrounds.

Screen Saver Type

Settings: BLANK, MOVING DOT

You can select the type of screen saver. If you select BLANK then the screen will blank completely. If you select MOVING DOT then a moving dot will be displayed on a blank background. The dot regularly changes colour and bounces off the sides of the screen in a zigzag pattern.

Confirmation Box

Settings: DISABLED, ENABLED

When enabled, a confirmation box is displayed on screen for three seconds after a computer is selected. The confirmation box indicates the current user port and user name, the selected computer and the connection status.



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

用户首选项

用户首选项是系统操作参数，每个用户都可以独立选择，且只会影响其屏幕。

到此地的路线

- 1 通过本地或远程键盘以标准（选项有限）或“admin”用户身份登录。
- 2 按画回键画（热键可能改变）。
- 3 按回选择“更多菜单”。
- 4 选择“用户首选项”。

OSD颜色

设置：SCHEME 1、SCHEME 2和SCHEME 3

在您在这几个选项之间切换时，将看到菜单的颜色改变以显示所选的方案。菜单方案经过特别选择，以提供与您通常在计算机屏幕上看到的颜色的高对比度。

提醒横幅

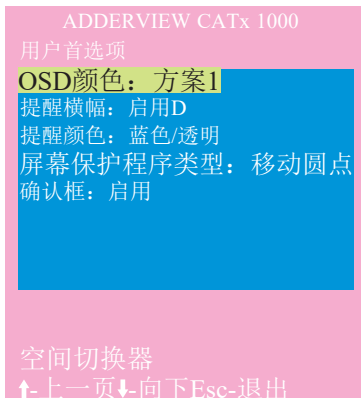
设置：启用，禁用

启用提醒横幅时，当前所选计算机的名称将显示在一个小的提醒横幅中。该横幅通常位于屏幕中央的顶部，但可根据需要移动（请参阅“[移动提醒横幅](#)”）。（请参阅[移动提醒横幅](#)）。

提醒颜色

设置：蓝色/透明、粉色/透明、蓝色/白色、白色/红色

您可以选择提醒横幅的颜色。选择蓝色/透明和粉色/透明时，文本为蓝色或粉色，背景为透明。选择蓝色/白色和白色/红色时，文本为蓝色和白色，背景为纯白或纯红。



屏幕保护程序类型

设置：空白，移动点

您可以选择屏幕保护程序的类型。如果选择“空白”，则屏幕将完全变为空白。如果选择“移动点”，则在空白背景上显示一个移动的点。该点会定期改变颜色，并以之字形模式从屏幕两侧弹出。

确认框

设置：禁用，启用

启用后，在选择计算机之后，屏幕上会显示一个确认框，持续三秒钟。确认框中将显示当前用户端口和用户名、所选计算机以及连接状态。



安装

配置

业务

其他资料

索引

Global Preferences

Global preferences are available only to the Admin user and allow settings to be made that affect all users attached to the AdderView CATx 1000.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Select 'Global Preferences'.

ADDERVIEW CATx 1000	
Global Preferences	
Mouse Switching :	ENABLED
Screen Saver :	DISABLED
Autoscan Mode :	SCAN LIST
Autoscan Period :	5 SECONDS
OSD Dwell Time :	2 SECONDS
User Timeout :	2 SECONDS
Space-Toggle ↑-Up ↓-Down Esc-Quit	

Mouse Switching

Settings: *ENABLED, DISABLED*

The computer channel can be switched using a three button mouse or IntelliMouse. Pressing the central button or wheel button together with the left hand mouse button will cause the AdderView CATx 1000 to switch to the next available computer. When mouse switching is enabled the central mouse button or wheel mouse button is allocated to control the AdderView CATx 1000 and is not therefore available for use by computer applications. If you want to use the central mouse button within your applications you will need to disable mouse switching. The rotation action of an IntelliMouse wheel is not affected and is always available to the computer application.

Screen Saver

Settings: *DISABLED; 2, 5, 7, 10, 15, 20 & 30 MINUTES*

To avoid burning out the phosphor on CRT monitor screens, the AdderView CATx 1000 can be set to blank the screen after no keyboard or mouse activity has been detected for a selected timeout period. If preferred, the user can blank the screen manually by selecting channel '0' using the keyboard hotkeys or by pressing ESC from the login screen.

Autoscan Mode

Settings: *SCAN LIST, ACTIVE PCs, ALL PCs*

The AdderView CATx 1000 supports an autoscan mode that automatically scans between the connected computers in sequence. There are three autoscan modes. In the first mode the AdderView CATx 1000 will scan all the named computers that are defined in the autoscan list (SCAN LIST). The computers defined in the scan list may be connected to cascaded AdderView CATx 1000 units. If you wish to scan the ports on the current AdderView CATx 1000 then you may select ALL the available computers or just the available computers that are currently powered on (the ACTIVE computers). Scanning just the active computers avoids blank screens from being displayed and stops the monitor from going into a power down state on every scan cycle.

WARNING - Many modern monitors are fitted with automatic power save relays and will switch off after a few seconds if connected to an inactive PC. If you are using such a monitor you must not set the AdderView CATx 1000 to scan ALL ports. Constant switching on and off of your monitor's relay will eventually damage your monitor. If you are using the SCAN LIST option then you should ensure that all the computers are active if you are using one of these monitors.

If you choose to use the SCAN LIST option then you may define the computers to be scanned in the following manner.

To define the autoscan list

Note: Ensure that you are [logged in](#) as the ADMIN user.

- 1 From the main on-screen menu press F1 for MORE MENUS.
- 2 Select EDIT AUTOSCAN LIST from the menu. A list of defined computers will appear. Computers affixed with a '+' will be autoscanned during the autoscan cycle. To add/remove a computer to/from the autoscan list, move the selection bar over the computer name and press SPACE BAR. To add all named computers press F1. To remove all named computers press F2.
- 3 When all the computers that you wish to scan are affixed with a '+', press RETURN or ENTER to save the selections. The selected computers will be autoscanned in alphabetical order when you activate autoscan mode (when the SCAN LIST option is selected).

Autoscan Period

Settings: *DISABLED; 2, 5, 7, 15, 30 SECONDS, 1, 5 MINUTES*

The autoscan time defines the length of time that the AdderView CATx 1000 will display video (and play audio) from an autoscanned computer before changing to the next computer. If the DISABLED setting is chosen then no autoscan functions will be available.

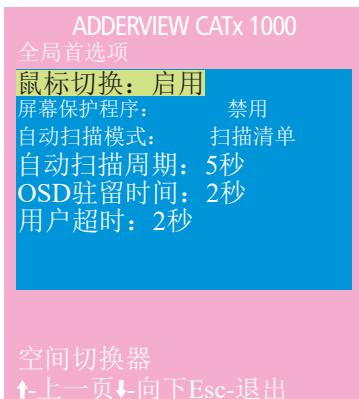


全局首选项

全局首选项仅对管理员用户可用，允许进行会影响所有连接到AdderView CATx 1000的用户的设置。

到此地的路线

- 1 通过本地或远程键盘，以标准（选项有限）或“admin”用户身份登录。
- 2 按画回键画（热键可能改变）。
- 3 按压 选择“更多菜单”。
- 4 选择“全局首选项”。



小鼠切换

设置：启用，禁用

计算机通道可通过三键鼠标或智能鼠标进行切换。当左键配合中央按钮或滚轮按钮时，AdderView CATx 1000将自动切换至下一个可用计算机。启用鼠标切换功能后，中央按钮或滚轮按钮将被锁定用于控制设备，此时无法供计算机应用程序使用。若需在应用程序中使用中央按钮，请关闭鼠标切换功能。智能鼠标的滚轮旋转操作不受影响，始终可供计算机程序正常使用。

屏幕保护程序

设置：禁用；2、5、7、10、15、20和30分钟

为了避免在CRT显示器屏幕上烧毁荧光体，可将AdderView CATx 1000设置为在未检测到键盘或鼠标活动的选定超时时间后使屏幕变为空白。如果需要，用户可通过使用键盘热键选择通道“0”或从登录界面按ESC键手动使屏幕变为空白。

自动扫描模式

设置：SCAN LIST, ACTIVE PCs, ALL PCs

AdderView CATx 1000支持自动扫描模式，可按顺序对连接的计算机进行自动扫描。该设备提供三种自动扫描模式：第一种模式会扫描自动扫描列表（SCAN LIST）中定义的所有已命名计算机，这些计算机可能连接到多台级联的AdderView CATx 1000设备。若需扫描当前设备上的端口，用户可选择扫描所有可用计算机，或仅扫描当前处于通电状态的计算机（即活动计算机）。仅扫描活动计算机可避免屏幕显示空白，并防止显示器在每次扫描周期中进入关机状态。

重要提示：多数现代显示器都配备自动省电继电器功能，当连接闲置电脑时，系统会在数秒后自动关闭。若使用此类显示器，请勿将AdderView CATx 1000设置为扫描所有端口。显示器继电器频繁开关最终会导致设备损坏。若使用scan LIST选项，请确保所有计算机处于活动状态。

如果选择使用“SCAN LIST”选项，则可以按以下方式定义要扫描的计算机。

定义自动扫描列表

注意：请确保您以ADMIN用户身份登录。

- 1 从主屏幕菜单中按F1键进入更多菜单。
- 2 从菜单中选择EDIT AUTOSCAN LIST。此时将显示已定义的计算机列表。标有“+”的计算机将在自动扫描周期内被自动扫描。要添加或删除计算机到/从自动扫描列表，请将选择条移动到计算机名称上并按空格键。要添加所有已命名的计算机，请按F1。要删除所有已命名的计算机，请按F2。
- 3 当所有要扫描的计算机都带有“+”时，按返回或输入以保存所选的计算机。激活自动扫描模式（即选择scan LIST选项）时，所选计算机将按字母顺序自动扫描。

自动扫描周期

设置：禁用；2、5、7、15、30秒，1、5分钟

自动扫描时间定义AdderView CATx 1000在切换到下一台计算机之前显示来自自动扫描计算机的视频（和播放音频）的时间长度。如果选择“禁用”设置，则将无法使用自动扫描功能。



安装

配置

业务

其他资料

索引

Global Preferences (continued)

OSD Dwell Time

Settings: 1, 2, 3, 5, 10 SECONDS

After a successful computer channel change the AdderView CATx 1000 will display a confirmation message for a few seconds. The length of time that this confirmation message dwells on the screen may be changed.

User Timeout

Settings: 1, 2, 5, 10, 30 SECONDS, 1, 5, 10 MINUTES

When both a local and remote user wish to use the system, only one can have access at any one time. When no keyboard or mouse data has been received from the active user port for the user timeout period, the AdderView CATx 1000 will allow the other user to access the computer. The new port then becomes the active port until it too times out. To avoid confusion between users it is desirable to set the timeout period to be sufficiently long so that user's work is not needlessly interrupted by other users and sufficiently short to ensure good overall system efficiency. The user timeout value also controls the timeout between the local port and remote (extended) user port 1.



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

全局首选项（续）

OSD驻留时间

设置：1、2、3、5、10秒

在计算机通道成功更改后，AdderView CATx 1000将显示确认消息数秒。此确认消息在屏幕上的停留时间可能会改变。

用户超时

设置：1、2、5、10、30秒、1、5、10分钟

当本地用户和远程用户同时使用系统时，每次只能有一个用户获得访问权限。若在用户超时时间内未从活动端口接收到键盘或鼠标数据，AdderView CATx 1000将允许另一方接入计算机。此时新端口将自动成为活动端口，直至其超时为止。为避免用户间产生混淆，建议将超时时间设置得足够长，以防止其他用户无谓中断当前操作；同时又需确保时间足够短，从而保证系统整体运行效率。该超时值还用于控制本地端口与远程（扩展）用户端口1之间的超时间隔。



安装

配置

业务

其他
资料

索引

Setup Options

Setup options are available only to the Admin user and consist of key settings that are normally made only during the initial installation stage.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Select 'Setup Options'.

ADDERVIEW CATx 1000	
Setup Options	
Security :	ENABLED
Language :	ENGLISH
Hotkeys :	CTRL+ALT
Automatic Logout :	DISABLED
Audio :	ENABLED
Add Computers :	AUTO
Space-Toggle ↑-Up ↓-Down Esc-Quit	

Security

Settings: *DISABLED, ENABLED*

With security disabled there is no requirement for users to log-in to the system. All users have full access to all the connected computers and full administration rights. With security enabled, users are required to log-in to the AdderView CATx 1000. Each user is allocated access rights to computers by the system administrator and they are only able to see the computers that they have access to on their on-screen menu.

Language

Settings: *ENGLISH, FRENCH, GERMAN, SWEDISH*

This option specifies the language that is used for the on-screen menu and the keyboard layout that is assumed for the keyboard. When the French option is selected the keyboard is assumed to have an AZERTY format. When the English, German and Swedish options are selected the keyboard is assumed to have a QWERTY format. The new language settings are enabled when you quit from the SETUP OPTIONS menu. The language option only affects the way that the AdderView CATx 1000 interprets the keyboard keys, it does not affect the way that the computers interpret the keyboard. It is advisable to avoid setting a language that you do not understand as all the menus will change to use the new language and you may have difficulty reselecting your original language.

Hotkeys

Settings: *CRTL+ALT, CTRL+SHIFT, ALT+SHIFT, ALT GR, L+R ALT, L CTRL+ALT, R CTRL+ALT*

The keyboard hotkeys are special combinations of keys that, when used together with certain keyboard "command keys", perform special AdderView CATx 1000 functions. For example, pressing the hotkeys together with the "M" key will cause the on-screen menu to be displayed on your monitor. Other hotkey combinations allow you to query which computer you are connected to and to move the on-screen menu around the screen. You can also use the hotkeys together with the port number to select a particular connected computer.

Automatic Logout

Settings: *DISABLED, ENABLED*

The AdderView CATx 1000 enables you to restrict access to your computers on a login basis. If a user forgets to logout when they have finished accessing the AdderView CATx 1000 then the user console may unintentionally be left with full access to all the computers. The AdderView CATx 1000 can be set to automatically logout unattended user consoles when the screen saver kicks in. This reduces the risk of security problems by preventing user consoles remaining in a permanent "logged-in" state when there is no keyboard or mouse activity. The automatic logout feature is only enabled when the screen saver feature is active (i.e. not disabled).

Audio

Settings: *ENABLED, DISABLED*

Allows you to enable and disable the audio capabilities of the AdderView CATx 1000 unit.

Add Computers

Settings: *AUTO, MANUAL*

Each time the master switch within a KVM cascade is power cycled, it checks for newly added computers. This option allows you to determine whether such new computers are automatically added to the computer list or whether you would prefer to update the list manually.



设置选项

安装程序选项仅对管理员用户可用，由关键设置组成，这些设置通常只在初始安装阶段进行。

到此地的路线

- 1 通过本地或远程键盘，以标准（选项有限）或“admin”用户身份登录。
- 2 按压 **Ctrl** **Alt** **M**（hotkeys可以改变）。
- 3 按回选择“更多菜单”。
- 4 选择“设置选项”。

保护措施

设置：禁用，启用

禁用安全功能时，用户无需登录系统。所有用户均拥有对所有连接计算机的完全访问权限和完整管理权限。启用安全功能时，用户需要登录AdderView CATx 1000系统。系统管理员为每位用户分配计算机访问权限，用户只能在屏幕菜单中查看其拥有访问权限的计算机。

语言

设置：英语、法语、德语、瑞典语

此选项用于指定屏幕菜单使用的语言及键盘默认布局。选择法语选项时，默认键盘采用AZERTY布局；选择英语、德语或瑞典语选项时，则默认为QWERTY布局。新语言设置在退出SETUP options菜单后生效。需注意：语言选项仅影响AdderView CATx 1000对键盘按键的识别方式，不会改变计算机对键盘的识别机制。建议避免设置陌生语言，否则所有菜单将自动切换为新语言界面，可能导致用户难以重新选择原有语言设置。



热键

设置：CTRL+ALT、CTRL+SHIFT、ALT+SHIFT、ALT GR、L+R ALT、L CTRL+ALT、R CTRL+ALT

键盘快捷键是由特定组合按键构成的特殊指令，当与某些键盘“命令键”配合使用时，可执行AdderView CATx 1000的特殊功能。例如，同时按下快捷键和“M”键，即可在显示器上显示屏幕菜单。其他组合键可查询当前连接的计算机，并实现屏幕菜单的移动操作。此外，通过将快捷键与端口号结合使用，还能精准选择特定连接的计算机。

自动注销

设置：禁用，启用

AdderView CATx 1000支持基于登录状态的计算机访问权限控制。若用户在使用完设备后忘记注销，可能导致其控制台意外获得所有计算机的完全访问权限。该设备可设置为当屏幕保护程序启动时自动注销无人值守的控制台，通过防止用户在没有键盘鼠标操作时保持“持续登录”状态，有效降低安全风险。需注意：自动注销功能仅在屏幕保护程序处于激活状态（即未禁用）时启用。

音频

设置：启用，禁用

允许您启用和禁用AdderView CATx 1000装置的音频功能。

添加计算机

设置：自动、手动

每次对KVM级联中的主交换机进行通电循环时，它都会检查是否新增了计算机。此选项使您可以确定是否自动将此类新计算机添加到计算机列表中，或者是否希望手动更新列表。



安装

配置

业务

其他资料

索引

Advanced Options

Advanced options are available only to the Admin user and consist of settings that are related to specialist areas such as power control and DDC.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Press **F1** again to select 'Advanced menus'.
- 5 Select 'Setup Options'.

DDC Options

The options within this section are related to the Display Data Channel features supported by the AdderView CATx 1000. DDC is an industry standard format that allows computer systems to be informed of the capabilities of the video monitor connected to them.

DDC Source

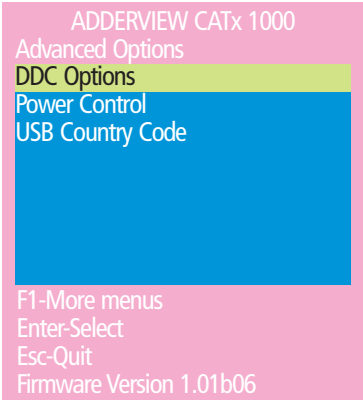
Settings: *AUTO, LOCAL, REMOTE, DEFAULT*

Determines which user port monitor should be interrogated to discover its capabilities. *AUTO* begins with the local user port and if it fails, it then checks the remote port and if that also fails to produce a result, it uses a set of default values. The *LOCAL* and *REMOTE* settings force the unit to interrogate only the local and remote monitors respectively, and *DEFAULT* uses only the pre-programmed settings.

DDC Refresh

Settings: *AT START, DISABLED*

AT START sets the AdderView CATx 1000 to read DDC information from the selected source at power up. When *DISABLED*, no new DDC data is sought and existing information is used. When viewing this menu, press **F7** to discover DDC information from the chosen source immediately.



Power Control

The options within this section are concerned with the operation of the **POWER CONTROL** port when used to command optional system power control units.

Baud Rate

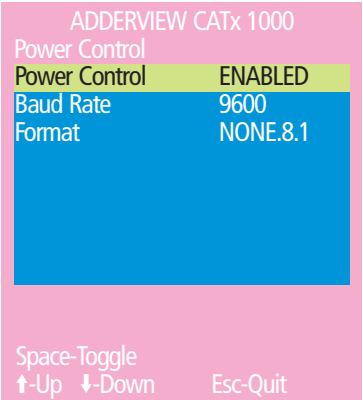
Settings: *1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200*

Configures the communication speed of the **POWER CONTROL** port and must match the speed used by the connected power switch(es). *Note: The PSU-8MASTER and PSU-8SLAVE power switches supplied by Adder require a setting of 9600.*

Format

Settings: *NONE.8.1, ODD.8.1, EVEN.8.1, NONE.8.2, NONE.7.2, ODD.7.2, EVEN.7.2*

Configures the data format used by the serial port and must match the format used by the connected power switch(es). The *NONE/ODD/EVEN* portion relates to the parity checking; the *7/8* value is the size of the data byte and the *1/2* value determines the stop bit(s) used after each data byte.



continued



INSTALLATION

CONFIGURATION

OPERATION

FURTHER INFORMATION

INDEX

高级选项

高级选项仅限于管理员用户，包括与专业领域相关的设置，如电源控制和DDC。

到此地的路线

- 1 通过本地或远程键盘，以标准（选项有限）或“admin”用户身份登录。
- 2 新闻画画[M]（hotkeys可以改变）。
- 3 按回键选择“更多菜单”。
- 4 再次按回键，选择“高级菜单”。
- 5 选择“设置选项”。

DDC选项

本节中的选项与AdderView CATx 1000支持的显示数据通道功能相关。DDC是行业标准格式，允许计算机系统了解与其连接的视频监视器的功能。

DDC来源

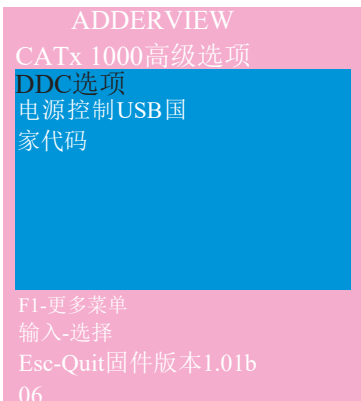
设置：自动、本地、远程、默认

确定应查询哪个用户端口监视器以发现其功能。AUTO从本地用户端口开始，如果失败，则开始检查远程端口，如果也失败，则使用一组默认值。local和remote设置强制设备只查询本地和远程监视器，而default仅使用预编程的设置。

DDC刷新

设置：起始时，禁用

启动时，将把AdderView CATx 1000设置为在上电时从所选源读取DDC信息。当禁用时，不会搜索新的DDC数据，而使用现有信息。查看此菜单时，请按F7立即发现所选源的DDC信息。



电源控制

本节中的选项与将POWER CONTROL端口用于控制可选系统电源控制单元时的操作有关。

波特率

设置：1200、2400、4800、9600、19200、38400、57600、115200

配置POWER CONTROL端口的通信速度，必须与所连接电源交换机使用的速度一致。注意：Adder提供的PSU-8MASTER和PSU-8SLAVE电源交换机需要设置为9600。

格式

设置：无。8.1，奇数。8.1，偶数。8.1，无。8.2，无。7.2，奇数。7.2，偶数。7.2

配置串行端口使用的数据格式，必须与连接的电源开关（es）使用的格式匹配。NONE/ODD/EVEN部分与奇偶校验相关；7/8值是数据字节的大小，1/2值确定每个数据字节后使用的停止位(s)。



继续的



安装

配置

业务

其他资料

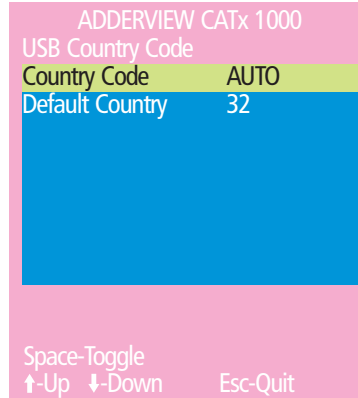
索引

USB Country Code

Some computers query the keyboard to find out its country code and key layout. These computers use this information to configure the way that they interpret the data coming from the keyboard and so it is important for the correct country information to be supplied. Not all keyboards report country information and two different styles of keyboard may be connected to the AdderView CATx 1000.

To get here

- 1 From a local or remote keyboard, log on as a standard (limited options) or 'admin' user.
- 2 Press **Ctrl** **Alt** **M** (hotkeys can change).
- 3 Press **F1** to select 'More menus'.
- 4 Press **F1** again to select 'Advanced menus'.
- 5 Highlight the USB Country Code option and press Enter.
- 6 Select 'Setup Options'.



Default Country

The codes that may be used within this option are as follows:

Country	Code	Country	Code
Arabic	01	Persian (Farsi)	20
Belgian	02	Poland	21
Canadian-Bilingual	03	Portugese	22
Canadian-French	04	Russian	23
Czech Republic	05	Slovakian	24
Danish	06	Spanish	25
Finnish	07	Swedish	26
French	08	Swiss/French	27
German	09	Swiss/German	28
Greek	10	Switzerland	29
Hebrew	11	Taiwan	30
Hungary	12	Turkish-Q	31
International (ISO)	13	UK	32
Italian	14	US	33
Japan (Katakana)	15	Yugoslavia	34
Korean	16	Turkish-F	35
Latin American	17	Reserved	36-255
Netherlands	18	Not supported	00
Norwegian	19		

Country Code

Settings: *AUTO, MANUAL, DISABLED*

In AUTO mode the AdderView CATx 1000 will attempt to query the keyboard attached to the local port to ascertain a country code. If a country code is not found then the AdderView CATx 1000 will use the current value of the Default Country option. In MANUAL mode, the connected local keyboard is not queried for country information and instead the Default Country value is reported to all computers that request country information. In DISABLED mode, no country information is supplied to computers requesting country information.

USB国家代码

部分计算机通过查询键盘来获取其国家代码和键位布局。这些计算机利用该信息配置其解释来自键盘的数据的方式，因此正确提供国家信息非常重要。并非所有键盘都报告国家信息，且两种不同类型的键盘可能连接到AdderView CATx 1000。

到此地的路线

- 1 通过本地或远程键盘，以标准（选项有限）或“admin”用户身份登录。
- 2 按画回键画（热键可能改变）。
- 3 按回选择“更多菜单”。
- 4 按压 $\square$ 再次选择“高级菜单”。
- 5 突出显示“USB国家代码”选项，然后按Enter键。
- 6 选择“设置选项”。



默认国家

此选项中可能使用的代码如下：

国家/阿拉伯语	编	国家波斯语	编
伯语/比利	01	（Farsi）波兰	20
时	02		21
加拿大-双语加拿大-法语	03	葡萄牙语俄	22
语	04	语斯洛伐克	23
捷克共	05	语	24
和国丹	06	西班牙的	25
麦芬兰	07	瑞典的	26
法国德	08	瑞士语/法语	27
国希腊	09	瑞士语/德语	28
希伯来	10	瑞士、台	29
语	11	湾、土耳	30
匈牙利国际	12	其、英国	31
	13		32
（ISO）意大利语	14	US Yugoslavia	33
	15		34
日本（片假名）韩国	16	土耳其语-保	35
拉丁美洲荷兰	17		36-255
	18	留未受支持	00
语挪威语	19		

国家代码

设置：自动、手动、禁用

在自动模式下，AdderView CATx 1000将尝试查询连接到本地端口的键盘以确定国家代码。若未找到国家代码，则会使用当前的默认国家选项值。在手动模式下，连接的本地键盘不会查询国家信息，而是向所有请求国家信息的计算机报告默认国家值。在禁用模式下，不会向请求国家信息的计算机提供任何国家信息。

安装

配置

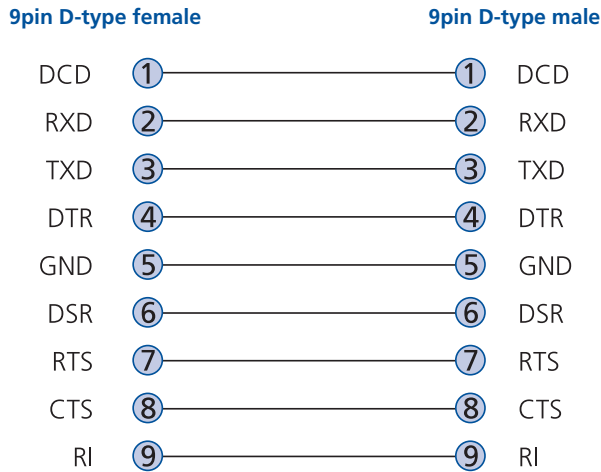
业务

其他资料

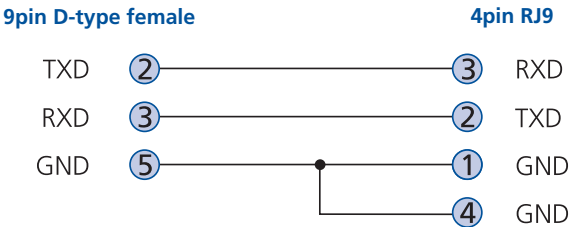
索引

Appendix 2 – Cable and connector specifications

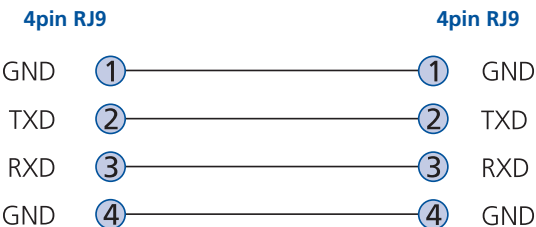
RS232 serial flash upgrade cable



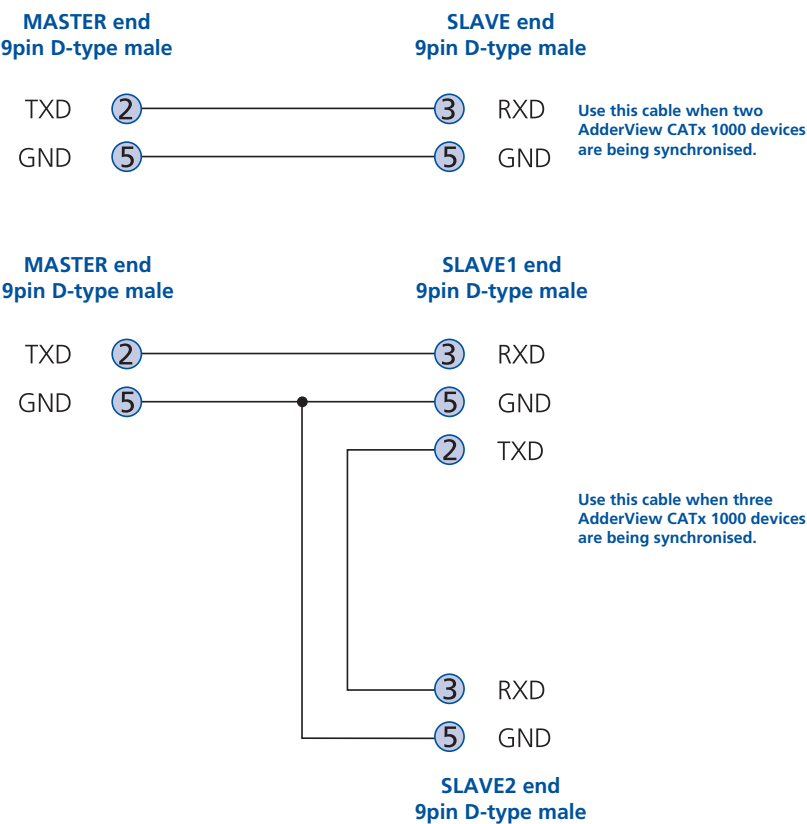
AdderView CATx 1000 to power switch cable



Power switch to power switch daisy chain cable



Multi-head synchronisation cable



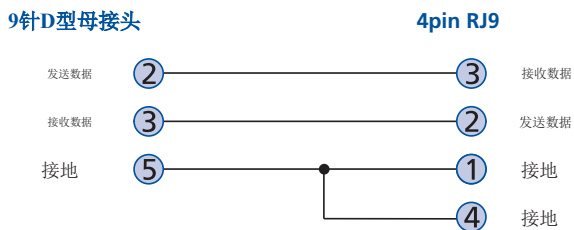
INSTALLATION
CONFIGURATION
OPERATION
FURTHER INFORMATION
INDEX

附录2-电缆和连接器规格

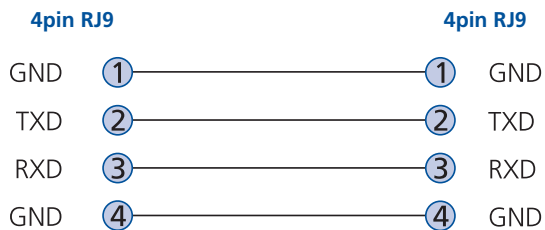
RS232串行闪存升级电缆



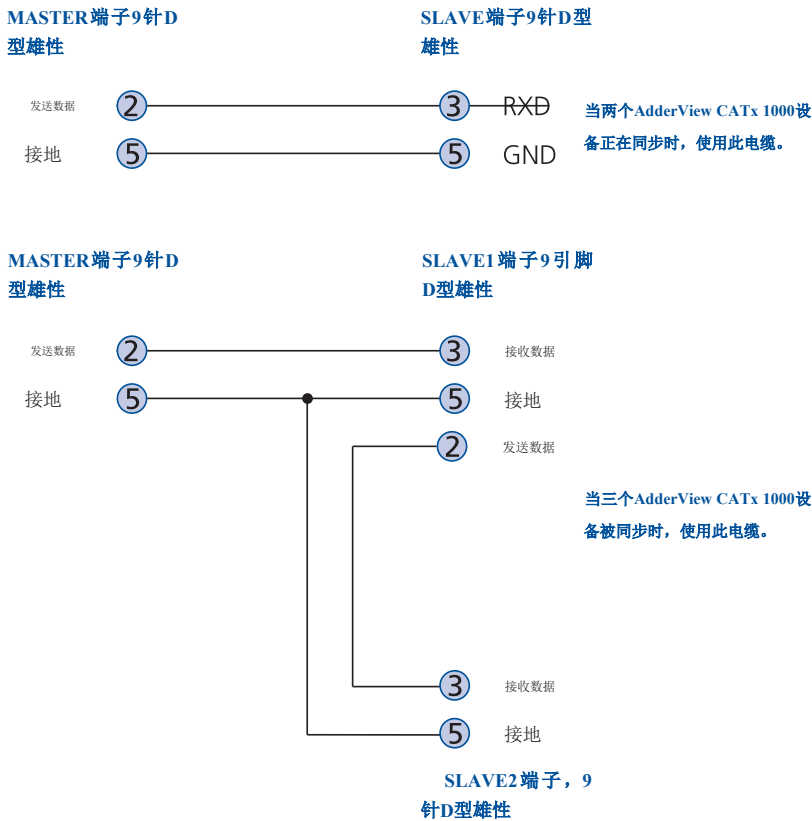
AdderView CATx 1000至电源开关电缆



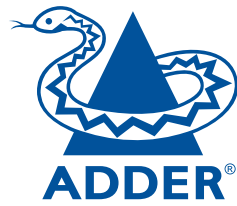
电源开关到电源开关的菊花链电缆



多头同步电缆



安装
配置
业务
其他资料
索引



www.adder.com

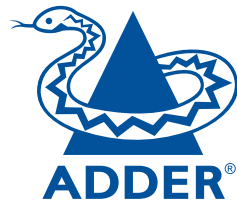
INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX



www.adder.com

安装

配置

业务

其他资料

索引

文件编制人:



www.ctxd.com

©2021 Adder Technology Limited 所

有商标均被认可。

部件号: MAN-AVX1008-AVX1016-ADDER•版本1.3

Index



A

Access
 local and remote users 33
Addressing
 cascaded computers 15
 power switch boxes 12
ADMIN
 forgotten password 29
 password 20
Advanced options 46
Autoscanning 26

B

Baud rate 46
Brackets 5
 fitting 6

C

Cable lengths
 to computers 10
 to remote users 9
Cable specifications 48
CAM
 connection 10
Cascade connections
 addressing 15
 introduction 13
 tips for success 14
Cascaded computers
 selecting 36
Compensation
 for computer links 23
 for remote user links 23

Computer

 connection 10
 name editing 22
 ports 4
 registering 22
 selecting 33
Computer Access Module
 connection 10
Configuration 18
 menus 19,40
 overall steps 18
 saving and restoring 27
Configuration settings
 saving and restoring 27
Confirmation box 37
Connections 7
 Computer Access Module 10
 computer system 10
 global user 10
 host computer 8
 keyboard 8
 local user 8
 multiple video head 16
 power control 12
 power supply 11
 remote user 9
Connector specifications 48
Control strings
 power switching 30

D

Daisy chain cable 48
Data Transfer utility 27
DDC
 options 46,47

E

Extender
 remote user 9

F

Firmware
 upgrade 29,31
Format
 power control port 46
Functions 41,46

G

Global preferences 43,46
Global user
 access 30
 connection 10

H

Host computer
 connecting 8
 connection 10
 power switching setup 30
Hotkeys
 changing 20
 selecting computers 33
Hot plugging 29

I

Indicators 4
Initial configuration 18
IP port
 connection 10

L

Local connection 33
Local user
 connection 8
 port 4
Logging in and out
 section 36

M

Mounting 6
Multiple video head
 connections 16

N

Network port
 connection 10

O

Operation 33

P

Parts
 supplied and extra 5
Password
 admin 20
 forgotten 29
Power control
 connection 12
 options 46
Power strings
 for switching 30
Power supply
 connecting 11
 part number 5
Power switching
 addressing 12
 configuration 30
 connection 12
 control sequences 30

R

Rack mounting 6
Reminder banner 37
Remote user
 cable lengths 9
 connection 9
 ports 4
Restoring
 configuration settings 27
RJ9 connector 12
Routing status 37

INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

索引



A

- 访问权限
 - 本地和远程用户33解析
- 级联计算机15
- 电源开关箱12管理器
- 忘记密码29密码20
- 高级选项46自动扫描26

B

- 波特率46
- 方括号5
- 装配6

C

- 到计算机的电缆
 - 长度10
 - 到远程用户的9电缆规格48
- CAM连接10
- 级联连接地址15
 - 简介13
 - 成功的小贴士14级
- 联计算机选择36
- 为远程用户链接23提供
- 计算机链接补偿23

计算机连接10

- 姓名编辑22
- 端口4
- 注册22
- 选择33

计算机访问模块连接10

- 配置18
 - 菜单 19, 40 总体
 - 步骤18
- 保存和恢复27配置设置

保存和恢复27确认框37

联系人7

- 计算机访问模块10计算机系统10
- 全球用户10
- 主机计算机8
- 键盘8
- 本地用户8
- 多个视频头16电源控制12
- 电源11
- 远程用户9

连接器规格48控制字符串

电源切换30

D

- 菊花链电缆48数据传
- 输实用程序27 DDC
- 选项46、47

E

扩展远程用户9

F

- 固件
 - 升级29、31格式
- 功率控制端口46功能

41, 46

G

- 全球偏好43, 46
- 全球用户
 - 访问量30
 - 连接10

H

- 主机计算机连
 - 接8
 - 连接10
- 电源切换设置30快捷键
- 更改20
- 选择具有计算机33热插拔
- 功能的计算机29

I

- 指标4
- 初始配置18
- IP端口连接10

L

本地连接33本地用户

- 连接8端口4
- 登录和退出部分
- 36

M

- 装载6
- 多个视频头连接16

N

- 网络端口连接
- 10

O

操作33

P

- 零件
 - 提供的和额外的5密码
- 管理员20
- 被遗忘的29
- 电源控制接线12
- 选项46
- 用于切换的电源线30
- 电源连接11
 - 部件号5
- 电源切换地址12
- 配置30
- 连接12
- 对照序列30

R

- 机架安装6
- 提醒横幅37
- 远程用户电缆长度9
- 连接9
- 端口4
- 正在恢复
 - 配置设置27 RJ9连接器12
- 路由状态37

安装

配置

业务

其他资料

索引

S

Saving
 configuration settings 27
Security
 enabling 20
 general steps 20
Selecting
 cascaded computers 36
 computers 33
 with hotkeys 33
 with mouse buttons 35
 with on-screen menu 34
Setup options 41,45
Skew adjustment 24
Supplied items 5

T

Troubleshooting 39

U

Upgrade
 firmware 29,31
User list
 editing 21
User preferences 42,45

V

Video compensation 23

X

X100 extender 9
X200 extender 9



INSTALLATION

CONFIGURATION

OPERATION

FURTHER
INFORMATION

INDEX

S

- 正在保存
 - 配置设置27安全
 - 启用20
 - 一般步骤20
- 正在选择
 - 级联计算机36计算机33
 - 使用热键33
 - 使用鼠标按钮35
 - 带有屏幕菜单的34设置
- 选项41、45偏斜调整24提供的
- 项目5

T

- 故障排除39

U

- 升级固件29, 31
- 用户列表编辑21
- 用户偏好42, 45

V

- 视频补偿23

X

- X100扩展器9
- X200扩展器9



安装
配置
业务
其他资料
索引