



Share a single computer between two sets of peripheral devices

CATx Dual CAM

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PRODUCT IN BRIEF

The CATx Dual Computer Access Modules (CAMs) are highly compact devices that allow you to share a single computer between two sets of peripheral devices. In simple terms the CAM can be viewed as a combined video splitter and peripheral hub. This is useful for mixing local and remote stations or mixing KVM with extension or signage systems.

The module connects to the video, USB, audio and RS232 ports of your computer and then connects via CAT 5, 5e or 6 cabling to the AdderView CATx KVM switches and/or Adder extender receivers (either AdderLink X100 or X200), each of which can be located up to 300 meters from the module. Your video display, keyboard, mice and speakers are linked to the remote devices.

The CATX-USB-DA variant is not fitted with audio or serial ports but is otherwise identical to the CATX-USBA-DA model.

FEATURES

Resolutions and cable lengths

The maximum resolutions achievable are:
1600 x 1200 x 60Hz at 200m.
1280 x 1024 x 60Hz at 300m.

Audio

Two channel CD quality audio is supported.

Absolute mouse mode support

Supports absolute mouse mode when used in conjunction with supporting equipment.

EDID display information

The module contains a default set of EDID information that supports display resolutions up to 1600 x 1200 @ 60Hz. In addition, the module will check during power up whether alternative EDID information is available from the KVM switch or extender that is connected to port A. If required, you can also harvest and store new EDID information from your display (Read and Store).

Power

The CATx Dual CAM uses a USB port to derive its power from the host computer, dispensing with the need for a separate power supply and thus simplifying installation.

Therefore the USB cable must always be connected to a USB port on the computer that is capable of providing up to 300mA.

User arbitration

Control of the host computer is arbitrated by the module on a first come, first served basis. At the moment that a key is pressed or a mouse is moved by a user, 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 two seconds of inactivity from the user currently in control, the module returns to its idle condition and re-instates the keyboard indicators of the locked-out user.

RS232 for disabling/re-enabling receiver connections

When required, a user of one remote link can disable (and re-enable) the other remote link using serial port commands. From one of the remote keyboards, a terminal program on the computer can be used to send the appropriate character to the COM port that has been allocated to the module.

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ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

To find out more, visit:
<http://www.adder.com>.

TECHNICAL SPECIFICATIONS

Video Resolution

Maximum of 1600x1200@60Hz

Extension Distance

300 meters at 1280 x 1024@60Hz
200 meters at 1600x 1200 @60Hz

O/S Compatibility

Operating system independent

Connectors

CATX-USB-DA:
USB Type A, D type 15 pin male (video)

CATX-USBA-DA:
As CATX-USB-DA but also including:
3.5mm male audio jack, D type 9pin female (RS232), and two RJ45 ports

Physical Design

ABS moulded plastic. (H) 70mm, (W) 52mm, (D) 25mm

Power

USB powered (Max 300mA @5V DC)

Operating Temperature

0-40 °C

Approvals

CE, FCC

ORDERING INFORMATION

Dual CAM: CATX-USB-DA
Dual CAM with audio: and RS232 CATX-USBA-DA

Standard Single CAM range:

Serial CAMs
CATX-CONSOLE - Serial interface

PS/2 CAMs
CATX-PS2 - PS/2 only
CATX-PS2-A - PS/2 plus audio

USB CAMs
CATX-USB - USB only
CATX-USB-A USB plus audio

Sun CAM
CATX-SUNA - Sun plus audio

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERView CATxIP
5000
AVX5016IP



ADDERView CATx IP
AVX4016; AVX4016IP;
AVX4024; AVX4024IP



ADDERLink IP
ALIP



ADDERLink IP GOLD
ALIP-GOLD



ADDERLink IPEPS
AL-IPEPS; AL-IPEPS-DA



CATX-USB-DA



CATX-USBA-DA

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