



Performance KVM - high density fully featured USB, Video and Audio control

## ADDERView CATxIP 1000

High density fully featured USB, Video and Audio control for local, remote and global users



### PRODUCT IN BRIEF

The AdderView CATxIP 1000 is a high density, small form factor KVM switch available with 8 or 16 ports to provide local, remote and global access for users who need to control multi-platform operating systems and hardware. The CATxIP 1000 combines USB console support, global IP access and a full KVM feature set to create a truly modern KVM switching solution delivering high quality video and CD quality audio. A focus on flexibility means the CATxIP 1000 is equally suited to applications from professional server installations or industrial processes through to office control. The CATxIP 1000 makes full enterprise grade functionality and quality available to everyone in a compact desktop format.

### FEATURES

#### USB keyboard and mouse control

Any USB style keyboard and mouse (PC, Mac or Sun) can be used to control the AdderView CATxIP 1000 switch. Full keyboard re-mapping is supported to ensure seamless cross platform functionality.

#### Faultless video quality

The AdderView CATxIP 1000 provides exceptionally high video performance to local users, supporting up to 1600 x 1200 resolutions with DDC emulation which is further enhanced by DC balancing to ensure full and true colour.

#### True multi-platform support

The AdderView CATxIP 1000 supports any computer platforms with PS/2, USB and Sun keyboard and mouse interfaces. Country code reporting, DDC and continuous keyboard and mouse emulation ensure faultless operation.

#### Easy cascade

Expand simply by using just CATx cable to link units. The CATxIP 1000 automatically detects cascade connections to support up to 256 computers. Fit 32 performance KVM connections in 1U of rack space.

#### Optional CD quality audio

AdderView CATxIP 1000 switches support CD quality 44.1kHz digital stereo audio when optional audio enabled CAM modules are used.

#### Options port

- Integration with RS232 controlled power switches to provide a complete

hard reboot function

- Flash upgrade
- Sync with other CATxIP 1000 switches for multi-video applications
- Upload/download CATxIP 1000 user and host information
- Remote control

#### Global User (IP)

- Employing enterprise grade security (using AES 128 bit encryption and RSA 2048 bit public key authentication)
- Use Java web browser or RealVNC client software that, unlike HTTPS web browsers, is designed specifically for secure, high performance KVM over IP applications
- Up to 1600 x 1200 resolutions with scalable windows

#### Computer Access Modules

Flash upgradeable CAMs are available for PS/2, USB and Sun keyboard and mouse support with optional audio.

#### Rack mount / rack drawers

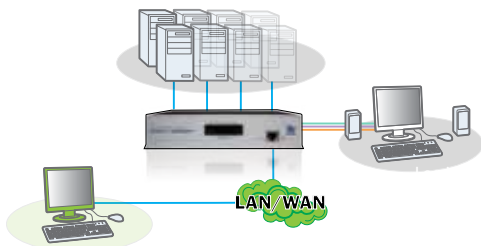
One or two CATxIP 1000 switches can be mounted in 1U of rack height giving a maximum of 32 ports per 1U.

#### User access control

Up to 16 different user profiles can be created and access rights for each user can be defined.

#### Embedded KVM option

CATxIP 1000 technology is available without a casing for embedding within other equipment such as rack drawers and industrial equipment through an interconnect header.



# ADDERVIEW CATxIP 1000

High density fully featured USB, Video and Audio control for local, remote and global users

## 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 modes

Support for standard PC, Sun and Mac video modes up to a resolution of 1600 x 1200 @ 60Hz. DDC emulation supported via connected Computer Access Modules (CAMs).

### Hardware compatibility

Video, mouse, keyboard and optional audio support for PC, Sun, Mac, RS/6000, Alpha and SGI computers using PS/2, USB or Sun flash upgradable Computer Access Modules (CAMs).

### OS compatibility

Operates with all currently known software and operating systems including all Windows versions, DOS, Linux, Unix, BSD, all Sun OS, all Mac OS and NetWare.

### Local console

Video: HDD15 socket  
Keyboard/Mouse: USB type A sockets  
Audio: 3.5mm stereo jack

### Connections

Local console connections as stated above.  
CATx computer connections: all RJ45 style.  
10/100 auto-sensing Ethernet network port: RJ45.  
Power connection: 2.5mm DC jack (5V DC, 2.5A).  
RS232 triggered power switching and syncing: DB9 plug

### Physical design

Compact 1U high metal case construction suited for rack mounting (rack mount kits available).  
Width: 198mm/7.92", Height: 44mm/1.76", Depth: 120mm/4.8".  
Weight: 0.77kg/1.70lbs.

### Power supply

Mains adaptor with IEC style power lead (included).

## ORDERING INFORMATION

CATx IP - 8 port version: **AVX1008IP-XX**  
CATx IP - 16 port version: **AVX1016IP-XX**

XX = Mains Lead Country Code:  
UK = United Kingdom  
US = United States  
EURO = Europe  
AUS = Australia

## ADDITIONAL ACCESSORIES

CAM - Computer Access Modules:

PS/2 only: **CATX-PS2**

PS/2 plus audio: **CATX-PS2-A**

USB only: **CATX-USB**

USB plus audio: **CATX-USB-A**

Sun with audio: **CATX-SUNA**

Single Rack Kit: **RMK-ALIP**

Dual Rack Kit: **RMK-ALIP-Dual**

Serial option cable: **CAB-9M/9F-2M**

Slave power switch for connection to AdderView CATxIP 1000

or master power switch: **PSU-8SLAVE**

Master power switch for connection to AdderView CATxIP

1000 or standalone Ethernet operation: **PSU-8MASTER**



Example CAM: CATX-USB-A

## 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



Input: 100-240VAC 0.5A 50-60Hz  
Output: 5VDC 2.5A

**Operating temperature**  
0°C to 40°C / 32°F to 104°F

**Approvals**  
CE, FCC



© Copyright 2010 Adder Technology Ltd. All brand names and trademarks are the property of their respective owners. AH-avx1008&1016ip\_v1.ID