ADDERView CATxIP 1000 *Performance KVM*

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

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 Real VNC 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.
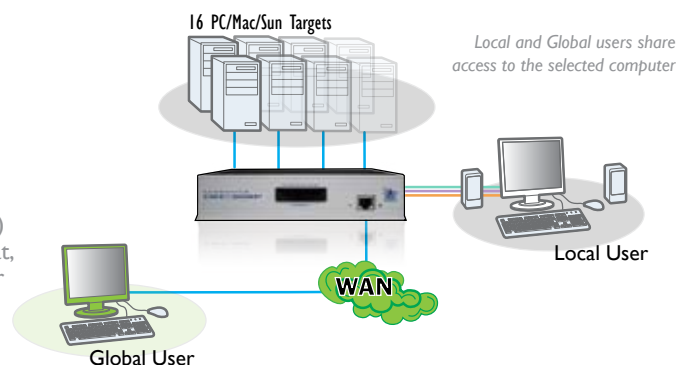
Rack mount / rack drawers
One or two CATxIP 1000 switches can be mounted in 1U of rack height giving a maximum of 32 ports per 1U. The small size also makes the units ideal for mounting behind KVM rack drawers.
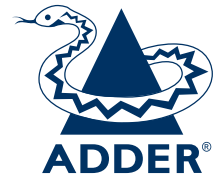
User access control
Up to 16 different user profiles can be created and access rights for each user can be defined.

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 interconnet header.

16 PC/Mac/Sun Targets

Local and Global users share access to the selected computer

WAN

Local User

Global User

Local, Remote and Global Computer Control

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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). 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
Order Codes (**XX**= Mains Lead Country Code: **UK** = United Kingdom **US** = United States **EURO** = Europe **AUS** = Australia)	CATx IP - 8 port version: **AVX1008IP-XX** CATx IP - 16 port version: **AVX1016IP-XX** Single Rack Kit: **RMK-ALIP** Dual Rack Kit: **RMK-ALIP-Dual** CAM: Computer Access Module Order Codes 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)

Local, Remote and Global Computer Control

ADDER®