ADDER®

8 and 16 Port KVM over IP

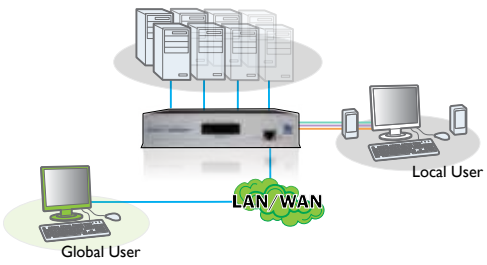
Performance KVM - high density fully featured USB, Video and Audio control

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 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 color.

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 a 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 interconnected header.

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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 China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

To find out more, visit: 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).

Operating Systems and Software compatibility
Software: All commonly known software and operating systems including Windows®, Linux®, macOS®, and Sun OS.

Local console
Video: HDD15 / VGA 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 adapter 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 Module
DisplayPort® connector, USB plus audio: CATXDP-USBA
Mini DisplayPort® connector, USB plus audio: CATX-MDP-USBA
VGA and PS/2: CATX-PS2
VGA, PS/2 plus audio: CATX-PS2-A
VGA and USB: CATX-USB
VGA, USB plus audio: CATX-USB-A
VGA, Sun plus audio: CATX-SUNA
Single Rack Kit: RMK4S
Dual Rack Kit: RMK4D-R2
Serial upgrade cable: CAB-9M/9F-2M

Example CAM: CATX-USB-A

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, UKCA

RELATED PRODUCTS

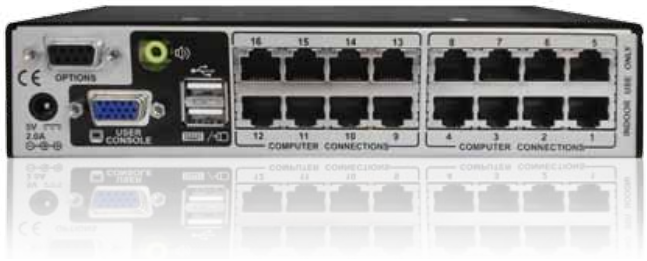
Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERView® CATxIP 5000
AVX5016IP

ADDERView® CATx IP
AVX4016;AVX4016IP; AVX4024;AVX4024IP

ADDERLink® ipeps+
IPEPS-PLUS

ADDERLink® ipeps
AL-IPEPS; AL-IPEPS-DA



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