



Video CATx Matrix Switch

Switch any video sources to any remote monitor, up to 1,000 feet, using CATx cabling

Modular architecture and built-in high performance video bus

Auto equalization and skew on UTP cable for crystal clear video at resolutions up to 1920 x 1440

Models available with 4-64 video inputs
1-16 video outputs

Local manual or remote serial command switching

Space saving Micro-Mini Video transmitter and receiver

Advanced security features

Features and Benefits

- The distance from the video sources to the Xtensys unit and from the Xtensys unit to the video receiver can be up to 1,000 feet using standard CATx cabling.
- Resolutions up to 1920 x 1440
- Auto equalization and skew compensation for a perfect display using CAT5, 5e, 6, or 7 cables.
- Video input ports connect to 1 – 64 video source and the video output ports connect to 1 – 16 video monitors (Depending on the model used).
- Advanced security for configuration and access
- Local configuration and switching through advanced OSD and automated remote switching using serial commands to the RS232 port
- Built in high performance video bus
- Switch models available with:
 - 1 to 16 remote video ports and
 - 4 to 64 video source ports
- Local KVM connections for quick access to the switch and manual switching
- Rack mount kits available for a 19" rack
- Lifetime free flash upgrades
- Designed and manufactured in USA

The Xtensys™ Advantage . . .

The Xtensys Video CATx matrix switch features the latest in video switching technology and can be deployed and scaled to almost any environment from the simplest to the most complex.

A miniature Rose video transmitter is connected to the video sources and to the RJ45 video input connectors on the unit using CATx cabling.

The remote monitors are connected to a miniature Rose video receiver and to the RJ45 video output connectors on the unit using CATx cabling.

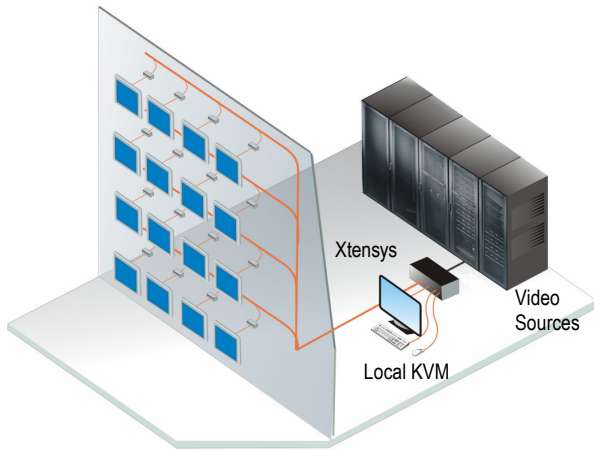
Upon power up the system will automatically measure the total cable distance and equalize the video for maximum clarity. It also performs a check on the video skew and automatically adjusts the RGB components of the video signal to eliminate any video skew caused by the cable type.

The built in OSD and hot-key system allows you to locally select and switch a video source using simple keyboard commands or from an on-screen list of the video sources.

Video switching can also be performed by sending simple serial switching commands from a computer or terminal to the RS232 port on the unit. A serial command of K4P1C5V<CR> sends the command to switch the video on port 5 to the monitor connected to output port 4.



Typical Application



Cables... All cabling to the video monitors and video sources uses standard CATx cable. Max cumulative cable length of 1,000'

Installation... Xtensys CATx video matrix switch is easy to install and configure. Connect your video sources to the Xtensys video transmitters and to the video in ports on the unit; connect the video monitors to the Xtensys video receivers and to the Xtensys switch video out connectors and it's ready for operation. A power source for the video transmitters and video receivers must be supplied. Usually the video transmitter has a PS/2 or USB cable to connect to a computer's PS/2 or USB port to provide only power to the transmitter. The video receiver has a remote power adapter to provide power to the receiver.

Security... There are three levels of security available to customize access to the unit and to the connected computers. Up to 6 security profiles can be added to each unit. One system administrator, one administrator, and 4 user accounts can be set-up for each unit. The system administrator has security privileges for the complete system. He assigns passwords and access rights for administrators and all users for the complete system. The administrator can perform security functions for a single unit. Users can be assigned a password and must login to obtain access to the computers.

Operation... Operating the video switching system can be performed locally at the local KVM station using simple keyboard commands or remotely using a serial cable connected from a computer or terminal to the RS232 port on the unit. You can switch a video source to any single remote monitor or multiple remote monitors.

Keyboard and Mouse... The local keyboard and mouse can be PS/2 or USB.

On-Screen display... The on-screen display is a menu-driven display for configuring the unit, setting up security access, and for quick and easy video switching. You use the keyboard to highlight a feature on the OSD and press enter to invoke that feature.

Firmware update... The firmware upgrade utility is a windows based program that provides an automated process for upgrading the unit's firmware. New firmware upgrades are available from our web site.

Part Numbers...

Xtensys Video Switch (To Be Assigned)

CATx Transmitters / Receivers

XTT-MP	UTP Transmitter (VGA/PS/2)
XTT-MU	UTP Transmitter (VGA/USB)
XTR-MP	UTP Receiver (VGA/PS/2)
XTR-MU	UTP Receiver (VGA/USB)

(XTT modules - PS/2 and USB cables are for providing power only. XTR modules require power adapter P/N TRF-05D250FSUB-1.3A)

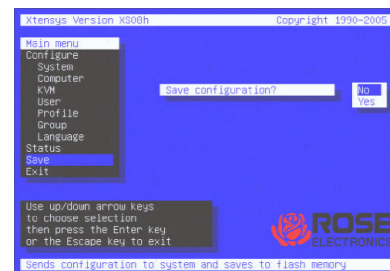
Rack Mount Brackets

RM-UB19	1U switch (X8, X16, X32)
RM-UC19	2U switch (X48, X64)

Specifications

Dimensions	Width	Depth	Height
1U Model	17" / 43.2 cm	6.75" / 17.1 cm	1.75" / 4.4 cm
2U Model	17" / 43.2 cm	6.75" / 17.1 cm	3.5" / 8.9 cm

Weight	Xtensys 6 – 9.9 lbs / 2.7 – 4.5 kg
Power	120 – 230 VAC / 150 Watts
Resolution	Up to 1920 x 1440
Environmental	0 – 50° C, 0% – 80% non-condensing R.H.
Connectors	Power: IEC 320 standard receptacle Video In / Out: RJ45 Local KVM: MD6, HD15, USB
Keyboard / Mouse	Local PS/2 or USB
Chassis	Metal
Scan Interval	0 – 255 seconds
Indicators	On-Line / selected LEDs / Power
Switches	IEC 320 Power



Easy to use OSD for configuration and video switching

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