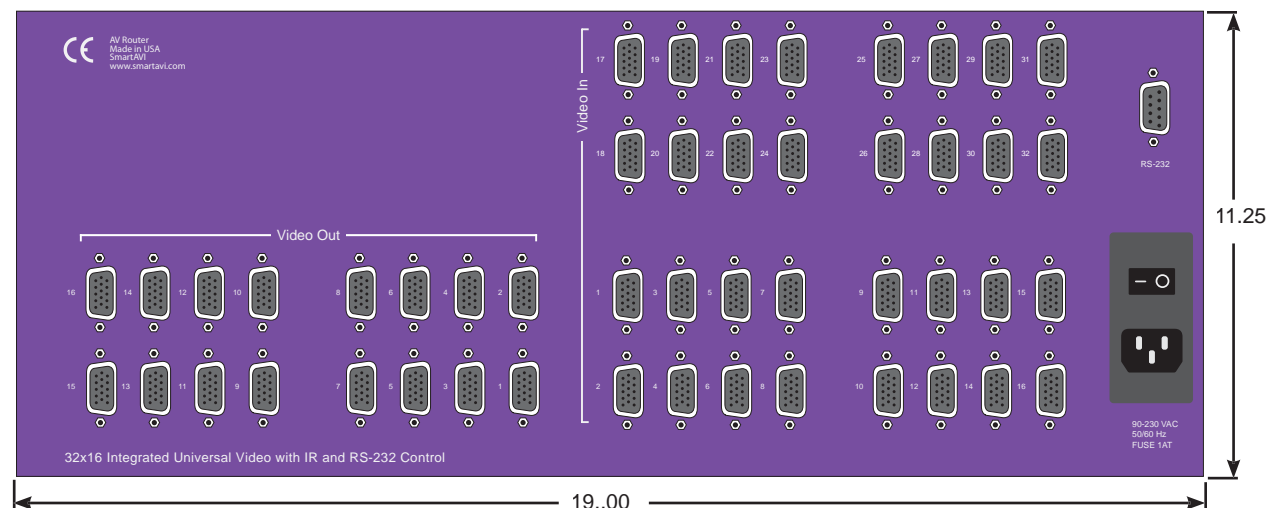


Technical Info.



Specifications

ITEM	DESCRIPTION	ITEM	DESCRIPTION
Video		Power	
Bandwidth	400MHz	Voltage	90-230V IEC 1A A/S 50/60 Hz
Input Signal Level	1Volt pk-pk into 75R	Control	
Output Impedance	100 Ohms	IR	Individual Control
Input Impedance	75R Ohms	RS422	Dual RJ45 Sockets
Connector	HD15 socket	Dimensions	
Format	VGA/SVGA/XGA/RGBHV/RGsb/CVBS/YC/YUV/RGBS	Height x Width x Depth	3U (5.24" x 19" x 11.25")
Syncs	TTL5VDC	Weight	20 lbs
Bandwidth	Horizontal Sync up to 85KHz	Power	
			110V to 220VAC

Order Info

Part Number	Description
AV32X16S	Routes 32 UXGA to 16 Remote Monitors. Includes: [AV32X16, (CC-PWR06-US), and (SM-CSW)]
SM-EY2	External Infrared Receiver Type2
RMT-2	Remote Control Device
SM-TCPS	TCP/IP Control. Includes: [SMTCP, (CCRS232MM) and (PS5VD2A)]

Many leading businesses have already recognized the innovation of SmartAVI's technologies and have eagerly implemented them. Users of SmartAVI technology include among others;



SmartAVI 11651 Vanowen St. North Hollywood, CA Tel: (818) 503-6200 Fax: (818) 503-6208

AV Router 32

AVRouter routes up to 32 X VGA sources to 128 remote monitors located up to 100ft. away



The AVRouter32 series of products provide an unprecedented range of switching and distribution equipment for X VGA and HD video by combining the features of a high quality video matrix, interactive Infrared control, and an easy to use Windows based control software.

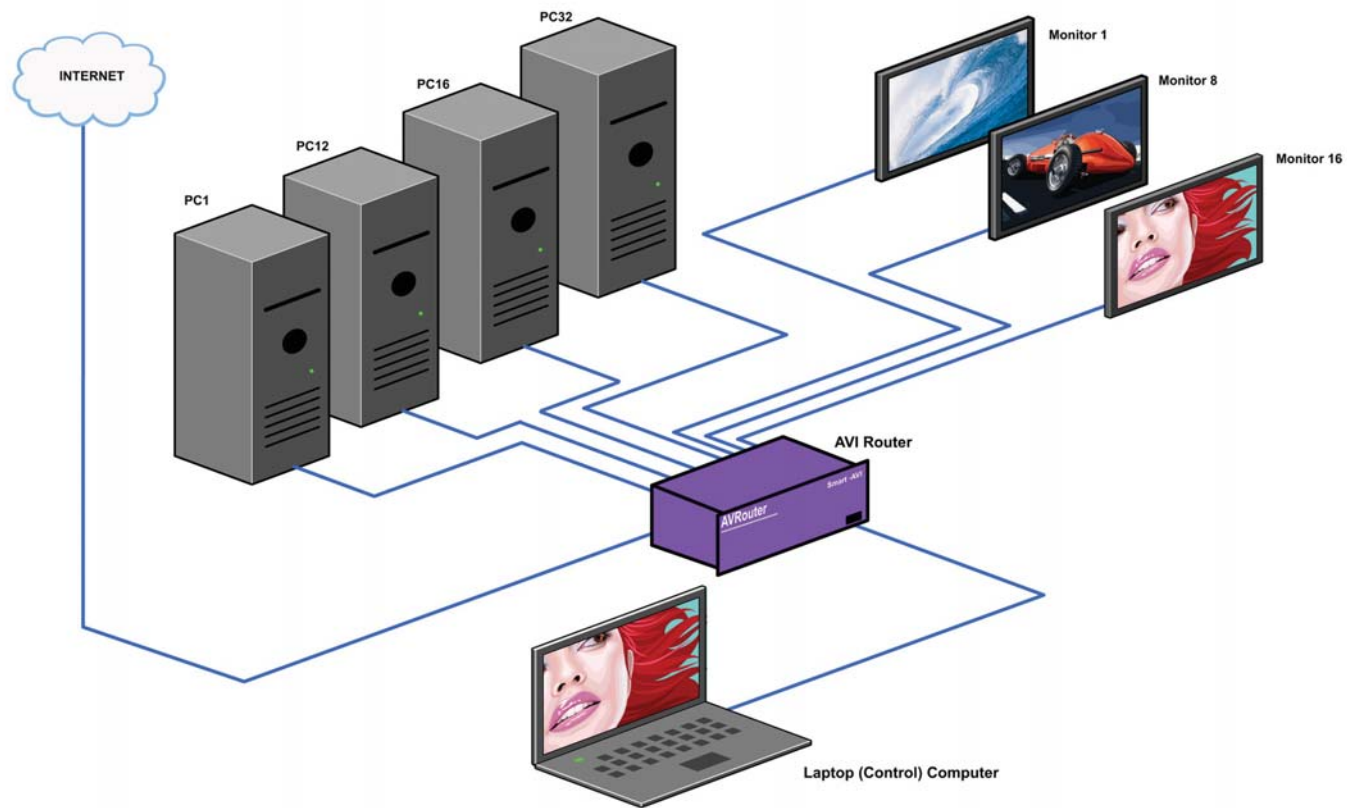
The AVRouter creates an extremely powerful and cost effective product for use in high quality video switching, security and data distribution. Housed in standard 19" rack mounting cases, various models are available allowing multiple configurations.

Features

- RS-232 Windows GUI control
- Very high quality Video switching
- High bandwidth 400Mhz
- High resolution up to 1920 x 1200
- Infrared and RS-232 control
- PC Windows software control
- Output cable drives cable up to 100ft
- TCP/IP and Telnet control
- Can be mixed with other video signals (RGB, YUV, RGBS)
- HD Compatible (480p, 720p, 1080, 1080p)

AVRouter 32

Application Diagram



Application

The AVRouter is a high-quality switching matrix for video signals. Signal formats include VGA, SVGA, XGA and UXGA. Standard VGA connectors (HD15 sockets) are used on the rear for ease of installation for video connectivity and RCAs for computer.

AVRouter contains a high bandwidth (400MHz) routing matrix for the Red, Green and Blue video channels. The color signals are then balanced internally and this combined signal is then driven out through boosted signals.

Applications for AVRouter include;

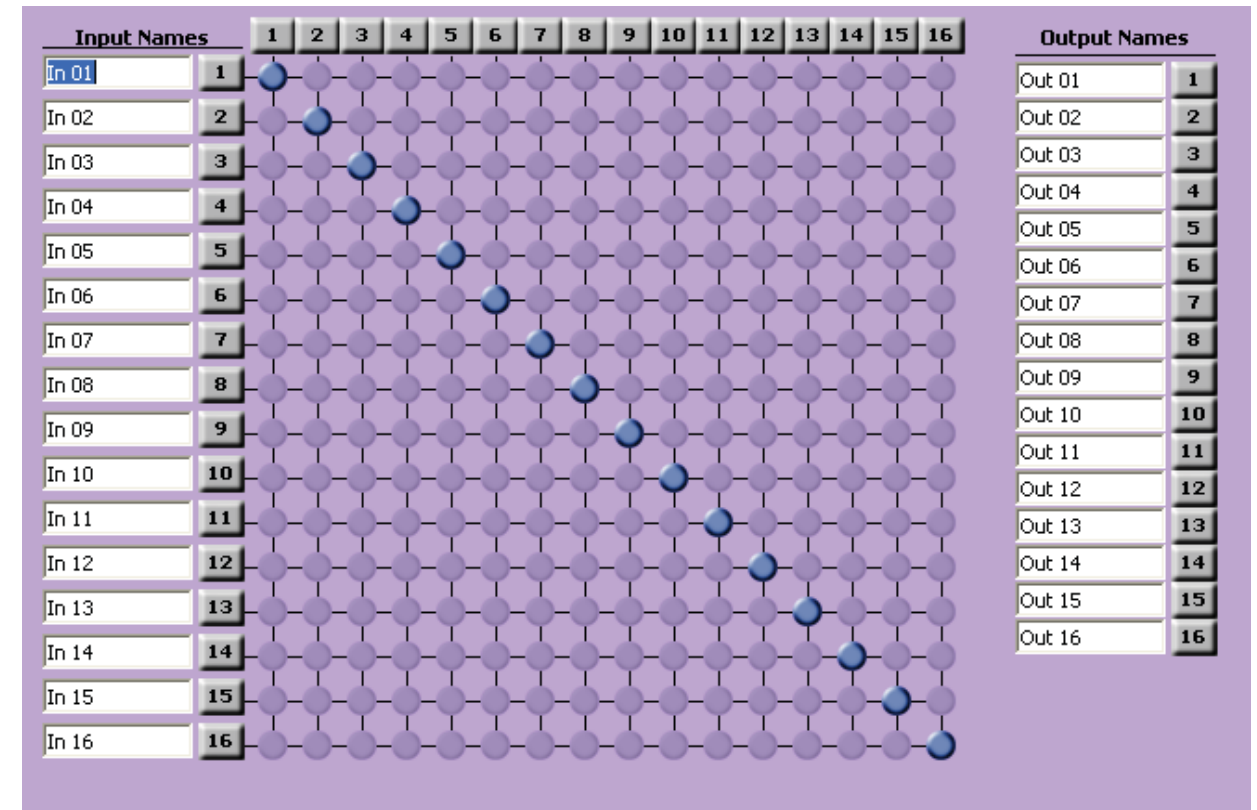
- Wall Displays
- Visual Presentations
- Digital media
- Shopping centers
- Airports
- Security
- Dealer rooms
- Point of sale
- Control rooms
- Hotels

Control the Matrix

Smart AVI offers 3 ways to control the AV Router: through Windows Software, TCP/IP and IR.

Software Setup and Controls for Windows OS

Setting up the entire matrix configuration settings, with presets (macro) is straight forward using SmartControl Software. Route multiple presets with one command.



IP Control

Control the matrix via the web, using 10/100 Ethernet interface with support for http and telnet. Multiple users with multiple passwords can control the matrix simultaneously.



Infrared Remote Control

Use SmartAVI IR Remote to control the matrix from up to 30ft away, codes can be taught by any infrared system.



IR Remote



IR Eye