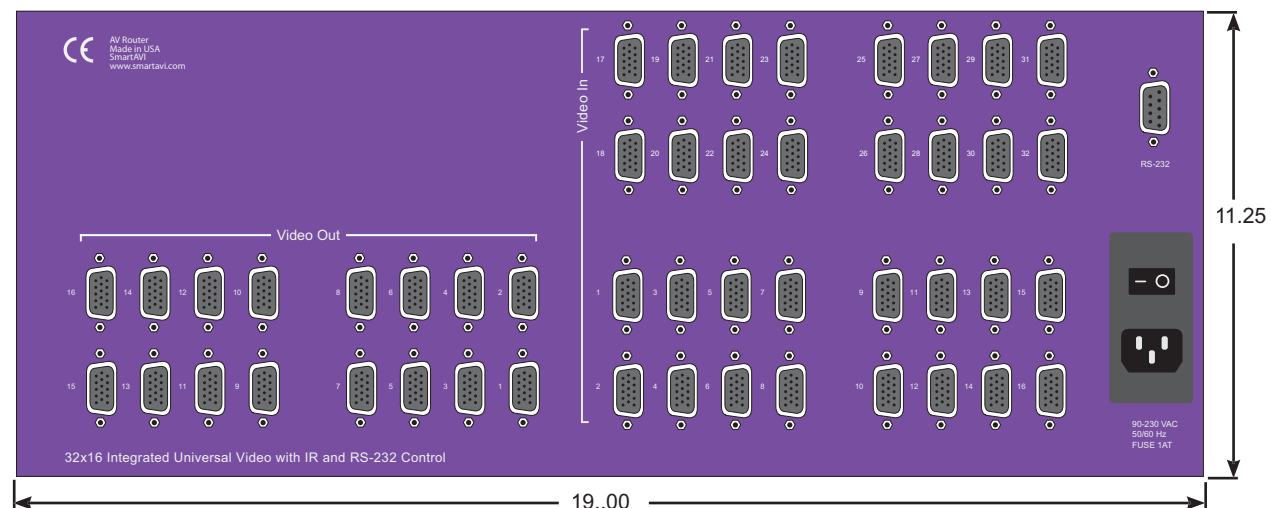


Technical Info.



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	HD 15 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 (PS5VD1A)]

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 2840 N. Naomi Ave. Burbank, CA 91504 Tel: (818) 565-0011 Fax: (818) 565-0020

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.

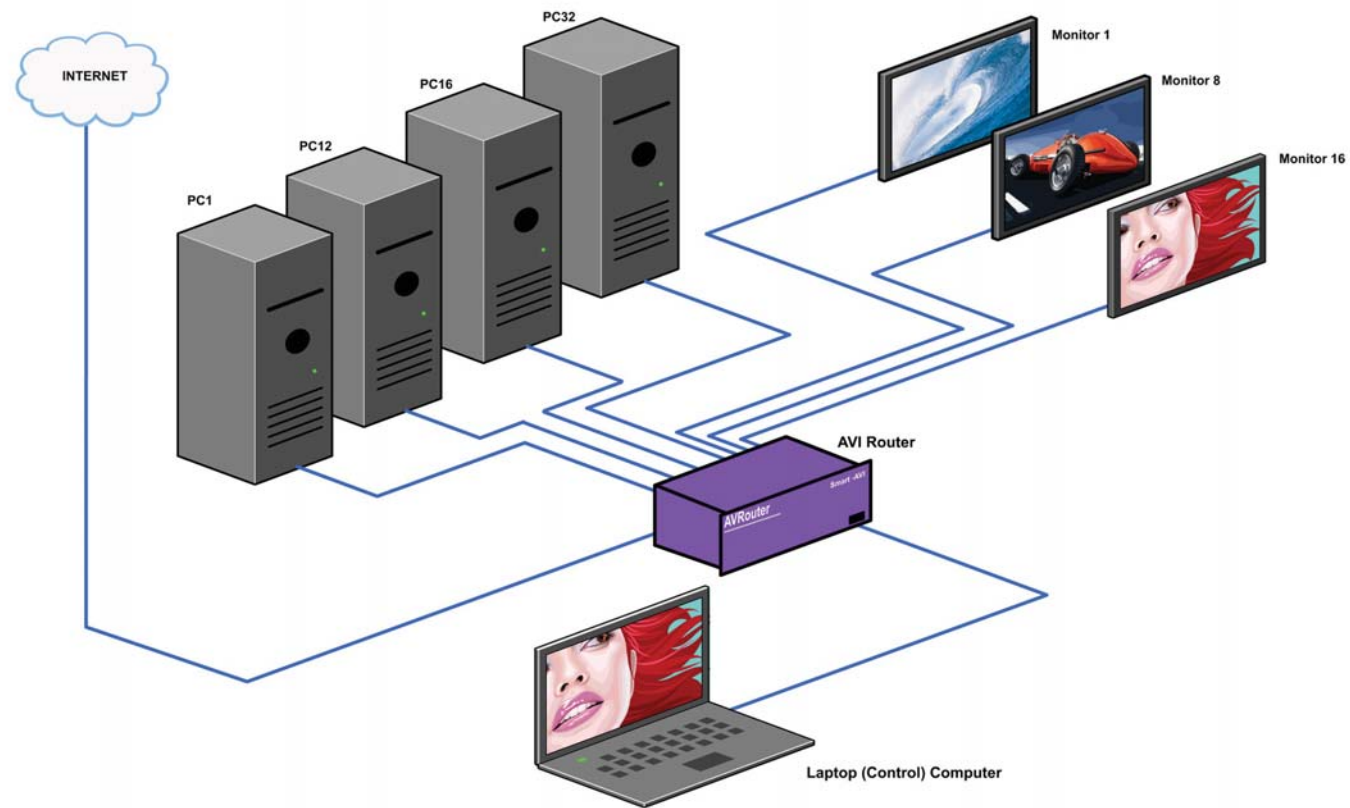
The AVRouter creates an extremely powerful and cost effective product for use in high quality video switching, security and data distribution. Housed in standard 19" rack mounting cases, various models are available allowing multiple configurations.

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.

Input Names	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Output Names	
In 01	1	●															Out 01	
In 02	2		●														Out 02	
In 03	3			●													Out 03	
In 04	4				●												Out 04	
In 05	5					●											Out 05	
In 06	6						●										Out 06	
In 07	7							●									Out 07	
In 08	8								●								Out 08	
In 09	9									●							Out 09	
In 10	10										●						Out 10	
In 11	11											●					Out 11	
In 12	12												●				Out 12	
In 13	13													●			Out 13	
In 14	14														●		Out 14	
In 15	15															●	Out 15	
In 16	16																●	Out 16

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