

SmartAVI 2008 Catalog

- Extenders
and
Splitters
- Switches
and
Matrix's
- Signage
and
Video Walls
- DVI and HDMI

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Smart-AVI
SMART AUDIO VIDEO INTEGRATION



SmartAVI specializes in professional audio and video integration technologies. Some of our products include video extenders, video switches, video splitters, USB extenders, DVI extenders, KVM solutions, video walls, matrixes, digital signage, computer-video interfaces, distribution amplifiers, fiber optic, infrared, and HDMI* solutions.



Made in the USA

* HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

SignagePro

The SignagePro digital signage solution is a unique combination of hardware and software that allows a single PC to manage and control multiple remote display devices, simultaneously and independently, from a central location.

SignagePro makes creating your own digital signage network easy.

Easy to own

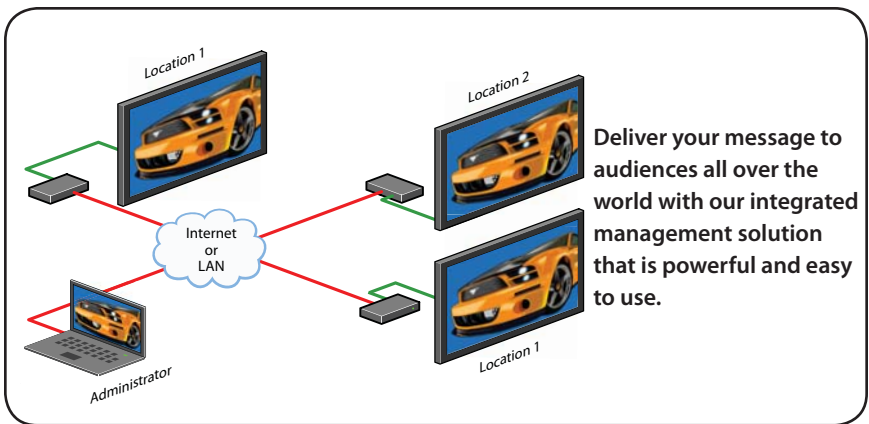
SignagePro is one of the most cost effective products of its kind on the market. But don't let the low price fool you. SignagePro has all the features, dependability, and scalability of products costing several times as much.

Easy to set up

From start to finish, you'll be creating presentations in about an hour. Even the most non-technical users can follow our easy-to-use, step-by-step, illustrated instructions.

Easy to use

We developed SignagePro to be used by everyone, not just the IT department. Our intuitive Windows-based interface will get you building your digital content like a professional in no time.



Compatibility: SignagePro is compatible with the following file types:



PowerPoint : mpeg/avi : jpeg/gif : html : Quicktime : Flash : News Feeds

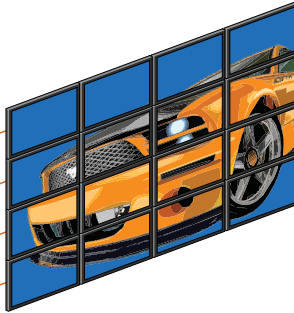
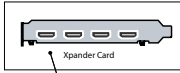


SignagePro

SignagePro - Digital Signage Solution - Server Software for Windows and client with 4/8G flash or 40G Disk.

Xpander Video Wall Solution

Xpander is a powerful combination of software and hardware that enables users to create and manage complex video walls and multi-screen applications. Each card supports up to 8 devices making it possible to display your content across 64 screens.



Features

- 4 and 8 port adapters available.
- Based upon ATI chipset.
- UXGA and DVI.
- Complete management software to easily schedule and control the data wall.
- Supports PPT, Flash, HTML, RSS, AVI, MPEG, Quicktime and image files.



Xpander XP4 Card

4 ports UXGA PCI card for maximum of 16 screens. Capable of capturing real time video with the use of Vporter.



Xpander Express

4/8 ports UXGA/DVI card capable of supporting up to 1900x1200 resolution on 64 screens.



StretcherPro

Stretch your monitor among four DVI or VGA screens without the use of software.

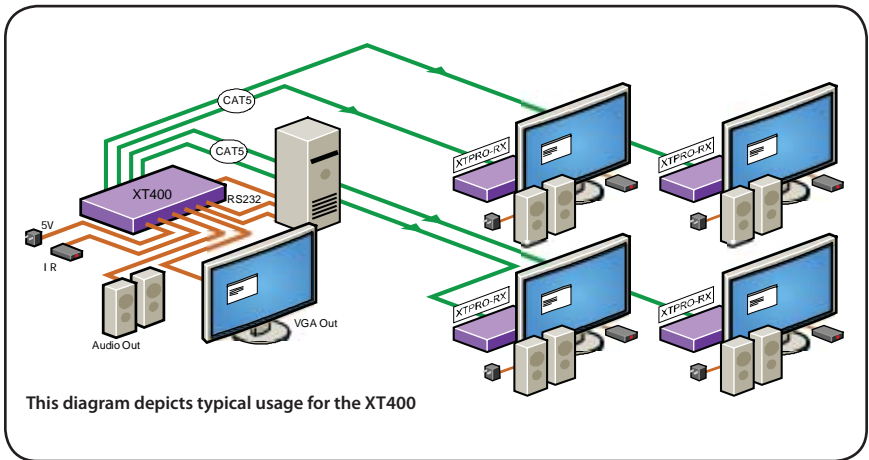
Extenders and Splitters

SmartAVI's new line of enhanced extenders and splitters complete with RS232 support enables you to extend, distribute and control High Definition Video, Stereo Audio, IR and RS232 signals to one or multiple displays located far beyond previous AV distance limitations. With SmartAVI's enhanced XTPRO series, administrators can now send high-definition media content from one player to multiple displays located up to 1,699 feet away using common CAT5 cable without loss of quality.

RS232 Control

XTPRO's RS232 capability allows the user to control all of the connected screens remotely. This important new feature offers the ability to turn on/off one or all screens, access important performance information and fine-tune the display.

Our extenders are designed for use with digital signage and video wall applications. We developed our enhanced line of CAT5 based extenders and splitters with the professional in mind. We understand your need for precision, flexibility and ease of use. Our products deliver extremely vivid, high resolution images together with pure crisp sound without distortion or degradation of quality.



Applications

Presentations

Our extenders enhances any presentation from commercial products to corporate financial data. It can be used in show rooms, board rooms, trade shows and window displays.

Data Broadcasting

Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors.

Learning and Training

Our extenders can be used in educational presentations to multiple locations, in schools and in other training facilities.

XT Series of Extenders and Splitters



XTPRO

Use a single CAT5 to broadcast high resolution SXGA, Stereo Audio, RS232 and IR up to 1699ft away.



XT400

Use CAT5 to broadcast high resolution SXGA, Stereo Audio, RS232 and IR up to 4 locations up to 1699ft away.



XT800

Use CAT5 to broadcast high resolution SXGA, Stereo Audio, RS232 and IR up to 8 locations up to 1699ft away.



XT1600

Use CAT5 to broadcast high resolution SXGA, Stereo Audio, RS232 and IR up to 16 locations up to 1699ft away.

Additional Extenders



UX1000

Extend USB 1.1 and XVGA beyond the limit - all the way up to 275ft using a single CAT5 cable.

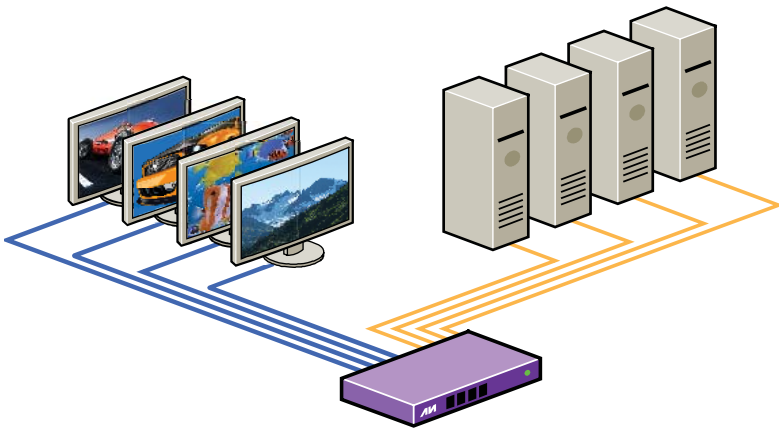


IR100

Extend Infrared signals over cat5 up to 3000ft

Routers and Matrix's

SmartAVI offers a wide range of high-quality switching matrix, video routers and video switches. The switches are suitable for XVGA, Digital Video Interface (DVI), ADC (For G4 and G5 users), Composite Video, SVGA, XGA, RGBHV and Sync on Green (SOG) applications. The video switch units contain a very high bandwidth routing matrix for the Red, Green and Blue video channels and separate switching layers for Horizontal and Vertical Syncs. All the combined signals are driven through standard RJ45s on the front panel. Standard SmartAVI VGA receiver units are used at the end on each CAT5 cable to recover the signals. High quality receiver circuits incorporating cable loss compensation provide excellent results up to resolutions of 1900 x 1200 @ 85Hz. Compatible with all types of UTP and STP cables, the receivers can have optional internal skew compensations fitted, which solves the problem of delay errors found in the higher specification structured cabling.



This diagram depicts typical usage for the DVI 4x4 Router

Applications

Access

Enables easy access to multiple servers in various locations. Facilitates data sharing among departments.

Security

Safeguards the servers by storing them in a secure and climate controlled environment while still providing access from the production floor.

Savings

Saves in equipment costs, physical space and utilities expense.

Productivity

Increases productivity by facilitating testing and performance evaluation of software and equipment, on multiple servers, from a single keyboard mouse and monitor station.

Multimedia Presentations

Can be used in multimedia presentations, where the information is transmitted from various computers.

XVGA, DVI, HDMI, Video, Audio, IR, RS232 and USB Matrix's



AV Router

A high-quality switching matrix for video (UXGA, components) and stereo audio type signals from 16x16 up to 64x64



SMART NET-X

SmartNet-X routes up to 16 UXGA and Stereo Audio Sources to 64 Remote Monitors and Speakers located at up to 1,000ft (300m) and connected with inexpensive CAT5.



Smart NET-V

SmartNet-V routes up to 128 Video, Stereo Audio and IR Sources to 16 Remote Monitors and Speakers located at up to 1000ft and connected with inexpensive CAT5.



CATSwitch

A high-quality switching CAT5 matrix switch for video (UXGA, components), stereo audio, IR and RS232 from 16x16 up to 64x64



DVI 4X4 Router

A non-blocking, single-link DVI 4x4 matrix switch with full support of all DDC and supports signals up to 1900x1200.



HDMI 4X4 Router

A non-blocking, matrix switch with full support of all DDC and HDCP. Capable of supporting 1080p signals.

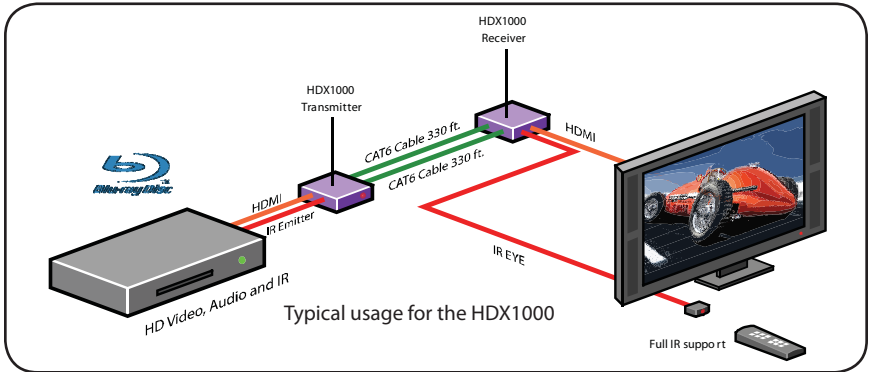


DVI 4X1 Switch

A DVI, Audio and USB 4x1 switch with full support of all DDC. Capable of supporting signals up to 1900x1200.

HDMI / DVI Extension

SmartAVI extenders are all about breaking away from the traditional model of attaching a new display to a DVI or HDMI graphic source. Now, you can remotely locate monitors, keyboards and mice up to 140 meters away from your CPU.



DVS200/400

The DVS200 extends DVI-D signals to 2 remote locations within 220ft with CAT6 cables.



DVX200

Extend any DVI-D signal up to 220 ft with a single CAT6 cable, while retaining perfect image quality at 1900x1200 resolution.



HDX1000

Extend HDMI display with IR control up to 330 feet away via twisted pair. HDCP compliant, 1080p.



HDX4000

Extend HDMI to 4 locations with IR control up to 330 feet away via twisted pair. HDCP compliant, 1080p.