



ViewLinX VL9100-CS

IP Multimedia Decoder



VL9100-CS

ViewLinX greatly simplifies the design and installation of large multi-zone audio/video distribution systems. HD and SD quality multimedia can be distributed to virtually unlimited number of displays by placing a ViewLinX at each display. There is also no need to include separate components for controlling the display, its all included in the ViewLinX. The DigiLinX system also contains control for sources and displays and transports audio, video and control over one CAT5 with TCP/IP, meaning there is no need to wire a separate, expensive parallel infrastructure for control.

- Decentralized Network
- Compressed or Uncompressed Video
- Unlimited displays
- SD/HD Video Decoder
- ViewLinX DualDrive
- Audio Decoder
- Additional Features
- Mounting Options
- StreamNet™ Connected

■ Decentralized Architecture - DigiLinX uses a distributed architecture that allows the hardware and the processing power to be spread out across a TCP/IP network. This leverages many of the advantages of using TCP/IP over traditional analog systems. Traditionally, a video signal is transmitted over long cables runs that degrade the quality of the signal and can increase the project costs by requiring multiple cable runs per display. Using a decentralized IP based system preserves the HD quality of the signal and saves money by requiring only one CAT5 cable for audio, video, and control of the display.

■ Compressed and Uncompressed Video - Video can be distributed in a compressed or uncompressed form. Sending video uncompressed allows the HD quality to be preserved during distribution on a gigabit network. However, not all installations have a gigabit network or need uncompressed HD quality. For those projects the ViewLinX can be configured to use NetStreams MotionXT™ Video Compression. If at a later date, video quality needs change, the ViewLinX can be re-configured to use uncompressed video.

■ Unlimited Displays - Using TCP/IP as a distribution method also renders limitations on the number of displays obsolete. TCP/IP treats each ViewLinX as just another device on the network. By using TCP/IP's multicast protocol DigiLinX easily manages the network traffic. NetStreams StreamNet™ technology keeps each zone synchronized so that all zones play within 500 microseconds of each other, preventing an echo effect and keeping the audio and video in synch.

■ SD/HD Video Decoder - Each ViewLinX converts a DigiLinX IP stream (compressed or uncompressed) back into SD or HD content and then outputs it into the appropriate signal output type. A ViewLinX can output H Sync, Vsync, Y/G/CVBS, Pb/B/C, and Pr/R signals through BNC connectors and includes a HD 15 connector for VGA signals.

■ DualDrive - ViewLinX DualDrive technology can automatically determine which signal type is being used and route the signal to the appropriate connector. This is ideal for situations where a display must display VGA and video signals. Dual Drive allows both BNC and DB-15 connectors to be connected. The ViewLinX can also be programmed to switch the displays input based on the source signal.

The Ultimate IP A/V Experience

ViewLinX VL9100-CS

Features

- **Audio Decoder** - In addition to outputting video the ViewLinX is capable of outputting analog (line level and balanced) audio and digital (S/PDIF) audio. These audio outputs are ideal for situations where the zone does not have an amplifier and the display also functions as the speakers are used.
- **Additional Features - XVO (extended Video Output)** allows the display to plug into a 2 gang multimedia port that is connected up to 50 meters from a ViewLinX providing a very clean installation. The multimedia port and ViewLinX output can both be connected enabling 1 ViewLinX to drive up to 3 displays with the source content. The ViewLinX includes 2 macro controlled contact closures that can be used to trigger projector screens. It also includes an input sense that can trigger a macro making ideal for use in museums or kiosks that need content started when motion is detected.
- **Mounting Options** - The VL9100-CS can be rack mounted, wall mounted, table mounted, or left freestanding. The 1U high 1/2 rack width chassis can be mounted in a 19" rack by itself or coupled with another VL9100-CS. Each VL9100-CS also includes mounting plates that allow it to be mounted directly to a wall or ceiling. It can also be left freestanding.
- **StreamNet Connected** - NetStreams Patent-pending StreamNet Technology provides the backbone for DigiLinX. StreamNet technology and ensures that audio between all zones are within +/- 1ms of each other; StreamNet Connected devices work seamlessly together; and can be updated in the future as new features become available.

Specifications

- Standards SupportedNTSC, PAL
- Video Output Connectors:Hsync,V Sync,Y/G/CVBS, PB/B/C, Pr/R
- Audio Output Connectors:One S/PDIF output (Digital Stereo or Digital Multi Channel), RCA
- Audio Input Connectors:one RCA Analog input for accepting a TV monitor
- Balanced Audio Outputtwo (Phoenix Connector)
- Gigabit Ethernet Connection(RJ45)
- 2-pin Phoenix connector for power(20-32V DC)
- IR Emitter outputs / RS-232one (3.5 mm)
- IR Receiver inputone (3.5mm)
- Auxiliary Output (IR/RS-232)one (3.5 mm)
- LEDs for Signal detection, Power detection, and Activity status
- 3 I/O channelsone input, two output
- XVO Extended Video Output2 RJ45
- IR Emitterincluded
- IR Receiverincluded
- 3.5mm to RS-232 cableincluded
- Power State Sense Input
- Dimensions:9 1/2" x 1 3/4" x 8 2/3"
- (W x H x D)(244mm x 45mm x 220mm)
- Weight:4 lb (2.722 kg)
- NetPower™4
- Restriction of use of certain Hazardous Substances (RoHS) compliant



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Excellence in Design

NetStreams is focused on providing high quality networked digital A/V systems. By leveraging its patent pending technologies and applications, NetStreams is creating the future of IP A/V - today.

Support - NetStreams offers world-class support for all products. Email-support@netstreams.com or toll free - 866.353.3496

