



ViewLinX VL100

IP Video Decoder



VL100

ViewLinX functions as a TCP/IP based audio/video decoder and controller on a DigiLinX system. Each ViewLinX is capable of decoding, in real-time, high definition or standard definition video for a display. In addition to providing audio and video to a display, ViewLinX also controls the display using IR or RS-232 and provides two contact closures. All the audio, video, and control data are carried to the ViewLinX over the same Ethernet cable.

- Distributed Architecture
- HD & SD Video
- Audio Encoder and Decoder
- IR/IP/RS-232 Source Control
- Additional Features
- Mounting options
- StreamNet™ Connected

■ Distributed Architecture

Each ViewLinX contains the hardware and software to render audio, video, and control signals for a display. This infrastructure gives the ViewLinX several advantages over traditional architectures. Each ViewLinX can be independently configured for signal type: component, composite, S-video, or VGA allowing multiple signal types to be used throughout a system. All the audio, video, and control commands are carried to the ViewLinX over the single network connection (CAT5/5e/6 or Fiber), reducing the number of cables.

■ High Definition and Standard Definition Video Decoder

To provide stunning real-time video imagery, ViewLinX uses NetStreams PerfectPixel technology. This patent-pending technology ensures reliable delivery of video data and eliminates dropped packets. Using TCP/IP to deliver the video data avoids problems with signal degradation for long cable runs. A virtually unlimited number of ViewLinX can be supported in a DigiLinX system and ViewLinX can be added to a system at any time.

■ Audio Encoder/Decoder

In addition to providing video services, ViewLinX also provides audio to the display or separate multi-channel receiver. Built into the ViewLinX are analog and digital line level outs that connect to the audio inputs on a display or receiver. Audio from the display can be encoded and made available to other zones in the home. This is ideal for streaming audio from displays with cable/satellite boxes located at the display.

-The Ultimate IP A/V Experience

ViewLinX VL100

Features

■ IR/IP/RS-232 Control

ViewLinX is capable of controlling both the display and an auxiliary device each using IR or RS-232 through the built in IR/RS-232 connection (IR emitter and RS-232 cable are included). The built in IR receiver is used to learn IR codes for the display and for the auxiliary device. Two-way RS-232 allows the ViewLinX to send commands using RS-232 and receive feedback. .LUA is used to create the RS-232 drivers and DigiLinX Dealer Setup also includes drivers that are ready to use.

■ Additional Features

Built into ViewLinX are two contact closures that can be triggered from a DigiLinX macro, and one input sense that will trigger a DigiLinX Macro when it detects a state change.

■ Mounting options

Using a 1U, 1/2 rack width chassis, ViewLinX can be mounted directly to a wall or table using the included mounting plates. Two ViewLinX can be mounted side by side using a NetStreams Rack mount Binding plate (sold separately) or it can 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 500 microseconds 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:Composite (480i, 576i)
S-Video (480i, 576i)
Component (480i, 480p, 576i, 576p, 720p, 1080i) VGA
(up to 1024 x 768 @ 70 Hz)

Audio Output Connectors:one (1) S/PDIF output
(Digital Stereo and Multi-Channel)
one (1) Analog Audio output
one (1) RCA Analog input for

Audio Input Connectors:
accepting a TV monitor

Gigabit Ethernet Connection(RJ45)

2-pin Phoenix connector for power(20-32V DC)

IR Emitter outputs / RS-232one (1) (3.5 mm)

IR Receiver inputone (1) (3.5mm)

Auxiliary Output (IR/RS-232)one (1) (3.5 mm)

LEDs for Signal detection, Power detection, and Activity status

2 I/O channelsone (1) input, one (1) output

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

CE Certified

C-Tick Certified

Restriction of use of certain Hazardous
Substances (RoHS) compliant



StreamNet
CONNECTED



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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

