



## MediaLinX MLAV300

IP Video Encoder



# MLAV300

The MediaLinX A/V(MLAV300) takes the inherent advantages of TCP/IP and applies it to audio/video distribution. *NetStreams StreamNet* technology builds on this foundation, delivering a platform for professional quality video distribution over the network. Using the MediaLinX A/V, brings unprecedented picture quality, complete flexibility in where sources are located, and complete control over A/V sources. HD or SD sources can be easily distributed and controlled without sacrificing quality for ease of installation.

- Distributed Architecture
- Unlimited Audio/Video Source
- Support HD and SD sources
- IR/IP/RS-232 Source Control
- Mounting options
- *StreamNet™* Connected

### ■ Distributed Architecture

DigiLinX is based on a distributed TCP/IP based architecture. Each device contains the hardware and processing capabilities needed to fulfill its purpose. By using a distributed architecture a MediaLinX A/V and a source can be located in the zone or in a central rack. Devices like DVD players that require user interaction can be located in a zone that is convenient for the user; instead of a distant rack closet. Decentralization also means that installers do not need to buy more matrix switch capacity or sacrifice capacity to accommodate the matrix switch.

### ■ Unlimited Audio/Video Sources

Using TCP/IP as a distribution method removes restrictions on the number of sources. Each MediaLinX A/V is capable of support processing one source's audio, video and can control the source in a single product. There is no limit to the number of MediaLinX A/V devices that you can have on the network. Devices may be added one at a time, allowing for easy system expansion.

### ■ HD or SD Video Encoding

A MediaLinX A/V is capable of encoding HD or SD video signals into an uncompressed video stream in real-time. The video signal is converted to TCP/IP and made available to the DigiLinX network, where a ViewLinX converts the packets back to a video signal. Each MediaLinX will support one source and accepts component, composite, s-video, and VGA signal types. For Audio, the MediaLinX A/V accepts analog or digital audio.

*-The Ultimate IP A/V Experience*

# MediaLinX AV MLAV300

## Features

### ■ IR/IP/RS-232 Source Control

Each MediaLinX contains the needed hardware and software required to support the source. This also includes source control. A source can be controlled by IR, IP, or RS-232 commands. IR commands are "learned" into the MediaLinX using a built in IR receiver. .LUA is used to create drivers that use IP or RS-232 for two-way control of a source. Many drivers have already been written and are included in DigiLinX Dealer Setup.

### ■ Mounting Options

The MediaLinX AV can be mounted directly to a wall, mounted into a rack, or left free standing. Each MediaLinX AV is 1U high and occupies 1/2 rack width allowing two MediaLinX AV's to mount side by side (using a NetStreams Binding Plate, sold separately). The MediaLinX AV can be mounted directly to a wall or mounted under a table using the included mounting tabs. It can also be left free standing.

### ■ 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 supported: .....NTSC,PAL  
 Video Input/Output Connectors: .....Composite Input and pass-through (480i, 576i)  
 S-Video input and pass-through (480i, 576i)  
 Component input and pass-through (480i,480p,720p, 1080i)  
 Audio Input Connector: one (1) pair of analog RCA jacks (Gold Plated)  
 one (1) Coaxial Digital (S/PDIF) (Gold Plated)  
 Audio Output Connectors: .....one (1) pair of analog RCA jacks (passthrough only) .....(Gold Plated)  
 one (1) Coaxial Digital (S/PDIF) (Gold Plated)  
 Gigabit Ethernet Connection: .....(RJ45)  
 2-position Phoenix connector for power (20-28V DC)  
 IR Emitter outputs / RS-232 .....(1) (3.5 mm)  
 IR Emitter .....(1) included  
 LEDs for Signal detection, Power detection, and Activity status  
 3 Contact Closures: .....(1) input, two (2) output  
 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 Substance (RoHS) 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

