

### FEATURES

- Real-time, high-quality encoding/decoding of full motion video for video-over-IP applications
- Standards-based, MPEG-2/ MPEG-4 algorithms
- Supports NTSC/PAL Composite Formats
- Transmit video at rates as low as 64Kbps, up to 10Mbps
- Video/Audio/Data multiplexing IAW MPEG-2 Transport Standard
- Bi-directional Audio/Data
- Fully configurable network interface
- Latency <250ms
- Stereo/dual-channel audio inputs
- MPEG-1 Layer I/II Audio Compression
- Multiple User Data Ports
- RS-232 or Ethernet port configurable
- Compact, rugged packaging, including extended temperature (-34°C to +78°C)



The Model 4410 Video/Audio Server/Decoder is a network appliance designed to convert analog cameras into video-over-IP servers. The 4410 provides a practical, cost-effective means to add legacy sensors to new or existing IP networks.

Utilizing industry-standard MPEG-2 or MPEG-4 compression, along with flexible adjustments for video, compression, and network settings, the 4410 can be configured to deliver high-quality video over any network. The unit is easily configured via the Ethernet or serial port. Audio and data channel multiplexing provide for bi-directional, single stream transmission.

The 4410 is compliant with most off-the-shelf video players. The unit can also be configured as a decoder to convert back to composite video for display in traffic operations centers.

This compact, rugged unit is capable of operation in harsh environments. Extended temperature operation make it ideal for military, law enforcement, and traffic monitoring applications.

### VIDEO INPUT/OUTPUT

**Ports** Two  
**Format** NTSC/PAL Composite  
**Levels** 1Vp-p; 75 Ohms  
**Connector** BNC

### VIDEO COMPRESSION

**Algorithm** MPEG-2 /MPEG-4  
**Format** MP@ML/SP  
**Resolutions** D1/2CIF/CIF  
**Frame Rate** Variable  
**GOP Structure** Inter/Intra; Variable Size

### TRANSPORT STREAM

**Ports** One  
**Protocol** ISO/IEC 13818-1  
MPEG-2 Transport Stream  
Video/Audio/Data  
**Data Rate** 64Kbps to 10Mbps  
**Format** 10/100 Ethernet IP  
**Configuration** DHCP or Static Address  
Selectable Ports  
Auto Sense Full/Half Duplex  
Unicast/Multicast  
**Connector** RJ-45

### USER DATA INTERFACE

**Ports** Two  
**Format** RS-232/RS-422  
**Baud** 9.6Kb-115Kb  
**Connector** 9-pin D-Sub

### CONTROL

**Ports** One  
**Format** RS-232; TCP/IP  
**Protocol** Delta 's 3-character mnemonics

### AUDIO INPUT/OUTPUT

**Ports** Two  
**Channels** None, Left, Right, Stereo  
**Format** Balanced (Line Level)  
**Levels** 2.8Vp-p (1Vrms)  
**Impedance** 10K Ohms  
**Connector** 3.5mm

### AUDIO COMPRESSION

**Algorithm** One  
**Format** MPEG-1 Layer I/II  
**Sample Rates** 8K/16Ksps  
**Sync** Lip synchronized with video

### ENVIRONMENTAL

**Temp (Op)** -34°C to +78°C  
**Temp (Storage)** -55°C to +85°C  
**Humidity** 5%-95% RH, non-condensing

### POWER

**Volts** +12-24VDC  
**Watts** 4W

### SIZE

**Chassis** 1.2 "H x 4.92 "W x 6.5 "D

