

FEATURES

- Real-time, high-quality encoding/decoding of full motion video for video-over-IP applications
- Standards-based, MPEG-2/MPEG-4/H.264 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)
- MISB Compliant



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, MPEG-4, or H.264 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 ground stations or 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.

A division of Delta Information Systems, Inc.

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VIDEO INPUT/OUTPUT

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

VIDEO COMPRESSION

Algorithm MPEG-2 /MPEG-4/H.264
Format MP@ML/SP
Resolutions D1/2CIF/CIF
Frame Rate Variable
GOP Structure Inter/Intra; Variable Size
 Note: The 4410 is configured at the factory with any 2 of the 3 algorithms; i.e. MPEG-2 & H.264.

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 Three
Protocol Clear/KLV
Format RS-232/RS-422/Ethernet
Baud 9.6Kb-115Kb
Connector 9-pin D-Sub

CONTROL

Ports Two
Format RS-232; TCP/IP (Telnet)
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



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