

## ▶ V4400series MPEG2 Encoder/Decoder

The Radiant Communications V4400 series provide broadcast quality, 30 frames per second full motion video over IP networks.

The device converts baseband audio and video to a stream of real time MPEG-2 standards compliant video with 30 frames per second to 10/100 Ethernet for transport in unicast or multicast mode depending on your needs. Bandwidth is user selectable from 1.5 to 7.5 Mbps.

The V4410-T encoder can be ordered with a V4420-R decoder for viewing as a baseband signal. You can also receive the signal with a computer and a browser.

There are myriad of applications—CATV companies sending broadcast channels from TV station to a headend, or from one headend to multiple locations. Build your own IPTV system for an office or MDU and deliver the signals over a computer or decoder boxes.

Anywhere video/audio needs to be transported over an IP network the V4400 series can handle your needs. The V4400 can be multicast, meaning that one encoder can transmit to any number of network locations using either PC's or V4420-R decoders.

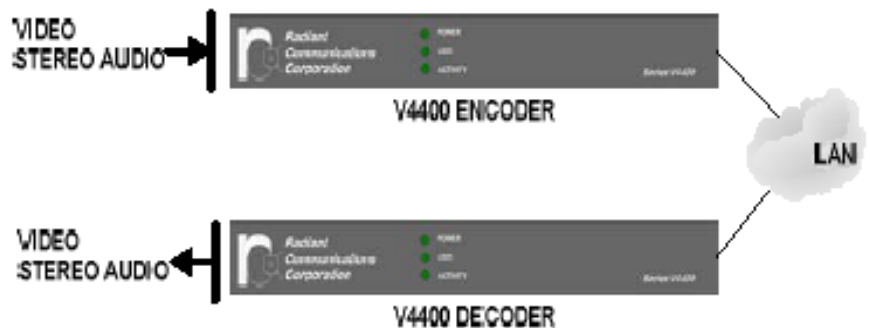
### ▶ BENEFITS

Full Motion MPEG-2 30 frames per second(4:2:0)

Hardware Decoder

Available w AC3 Audio

### ▶ DESCRIPTION



## SPECIFICATIONS

### Video/Audio

Video System: NTSC/PAL  
 Video Level: 1Vp-p  
 Video I/O Level: 75 Ohms  
 Audio: standard unit 2 channels (stereo), line level  
 V4430-T version with AC3 Audio

### Network

Data Rate: 1.5 to 7.5 Mbps  
 Connector: RJ45  
 Standard: IEEE 802.3  
 Protocols: Multicast, Unicast, IGMP, UDP, IP  
 Interface: 10/100Base-T

### Compression

NTSC: 720 x 480 D1  
 PAL: 720 x 576 D1  
 Frame Rate: 30 fps

### General Characteristics

Power: 15W @ 90 to 240VAC  
 Operating Temp: -10° to 50° C  
 Storage Temp: -10° to 70° C  
 Size: 17.0" W x 13.0D x 1.75" H  
 High Temp Version: -10° to 65° C

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
<b>V4410-T</b>	MPEG-2 Audio/Video Encoder with 7.5 Mbps Bandwidth capability
<b>V4410X-R</b>	MPEG2 Audio/Video Encoder with XLR audio connectors, with 7.5 Mbps bandwidth capability
<b>V4420-R</b>	MPEG2 Audio/Video Decoder
<b>V4420X-R</b>	MPEG2 Audio/Video Decoder with XLR audio connectors
<b>V4425A</b>	MPEG2 Audio/Video Transceiver (Encoder/Decoder), 2 sets, needs 2 IP Addresses
<b>V4430-T</b>	MPEG2 Audio/Video Encoder with AC3 audio, 1U Rack Mount

### Note:

- Units are available in different packaging: /U- IU rack mount, /M - Modular (Stand Alone), /R- Card Cage Rack Mount
- Add -48 for 48 VDC power
- Add /HT for High Temp Version
- Add -AVS for Use within AVS-100 Series Products
- Add -FEC for Use within FEC-EO Series Products

Please State on your Purchase order which Configuration you require.

Due to product enhancements, specifications are subject to change without notice

