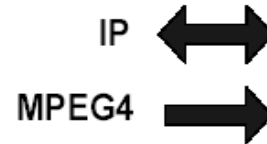


V3500 MPEG4 to IP Encoder/Decoder



Distance Learning



FEAUTES

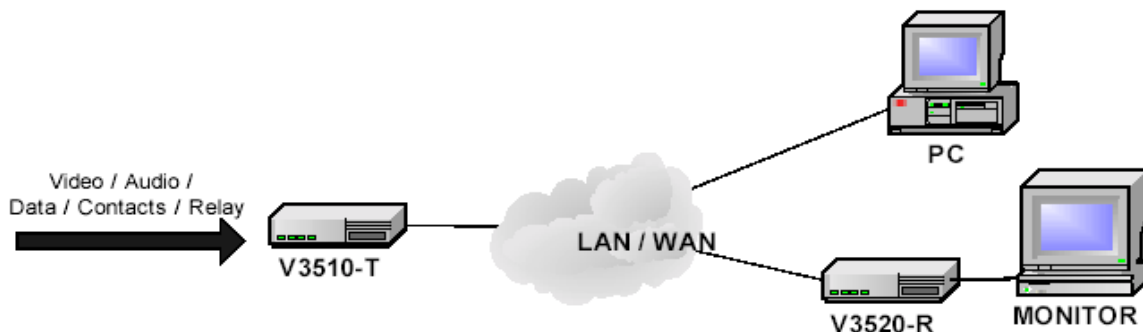
- Full Motion MPEG4 Video/Audio
- Hardware or Software Decoding
- 10/100 BaseT Ethernet
- Two Serial Data Channels
- Contact Relays
- Rack Mount or Standalone
- Recording Capability
- Low Latency
- Low Bandwidth Requirements
- Two Way Audio

DESCRIPTION

The V3500 Series of MPEG4 to IP Encoder/Decoder deliver superior video and audio quality with minimal latency at low bandwidth. The bandwidth can be set from 30kbs to 4Mbps; however even at bandwidth under 1Mbs, the video quality is still good. Two types of decoding are available:

- From Encoder to PC requires the V3510/SL software only;
- From encoder to monitor requires decoder.

The V3510-T Encoder can multicast to many locations (decoders or PC's). The V3500system transmits one video channel, one bidirectional audio channel, two channels of data, three contact closures and one relay. The video can also be recorded to a hard drive. The V3500 is a very cost effective system with many applications – CCTV security, factory floor, video conferencing, etc. Generally anywhere true broadcast quality is not required.



Radiant Communications Corporation

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V3500 MPEG4 to IP Encoder/Decoder Transceiver**SPECIFICATIONS****INPUTS/OUTPUTS****Video**

NTSC 1Vp-p, 75 ohm, 60Hz or

PAL 1Vp-p, 75 ohm, 50Hz

Data

Two Serial RS-232, RS-422, RS-485

(software selectable two way)

Three contact inputs, One relay

CODEC**MPEG-4**

NTSC (Up to 30 fps)

352 x 240 CIF

352 x 480 1/2 D1

480 x 480 2/3 D1

720 x 480 D1

PAL (Up to 25 fps)

352 x 288 CIF

352 x 576 1/2 D1

480 x 576 2/3 D1

720 x 576 D1

Audio

Input -46 to -3dBV 1k ohms

Output -46 to -3dBV 16k ohms

3.5mm Line In/Line Out

77dB SNR

NETWORK

Data Rate 30K - 4Mbps

Ethernet RJ-45

Interface 10/100 BaseT

IEEE 802.3

Protocols Multicast, UDP, IP, TCP,

DNS, DHCP, SSL

MECHANICAL

1U Rack 17"x 10"x 1.7"

Standalone Can 4.5"x 5.6"x1.2"

POWER

12VDC @ 500mA

ENVIRONMENTAL

Operational Temperature 0 to 50 C

Storage Temperature -30 to 80 C

Humidity 0 to 95% non-condensing

ORDERING INFORMATION**Part Number**

V3510-T-X

V3520-R-X

V3510/SL10

Description

Encoder

Decoder

Package of 10 software licenses

Notes:

1. Add IP to part number for extended temperature version
2. Specify X, C – standalone can; 1U – 1U Rack mount; or R – card cage version
3. For each encoder ordered one software license is included. Extra licenses must be ordered as above

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