

AVN200



OVERVIEW

AVN200 IPTV stand-alone encoder can turn video from any composite or S-video source into full-screen, full resolution Internet Protocol digital video in real time.

The AVN200 encodes standard definition video in an MPEG-2 stream. Plug a video source directly into the unit, plug into the network via the RJ-45 connection, and stream real-time digital video over your LAN or WAN. The AVN200 is suitable for applications requiring cost effective, high bit rate, standard definition video distribution over IP networks.

FEATURES

Superior Audio/Video Quality

MPEG-2 hardware compression and Visionary Solutions' optimized transmission technology provides a video image at full frame rates and D1 resolution. The video stream can be viewed by an unlimited number of clients on a LAN or WAN with 25 fps PAL or 30 fps NTSC assured, provided that bandwidth is available. Image resolutions are configurable from D1 (720x480 NTSC, 720x576 PAL) down to 352x240. The video bit rate can be configured from 1.5 Mbit/s to 7.5 Mbit/s. The audio compression is MPEG-1 Layer 2 audio encoding at either 256 or 384 kbps with a 48 KHz sample rate.

Video Inputs

The AVN200 includes one BNC composite input and one S-Video input for connecting video source equipment.

Audio Input

The AVN200 features an 1/8" stereo audio connector.

Closed Captioning

The AVN200 supports EIA-608 closed captioning.

External Device Connections

The AVN200 includes an RS-232 serial connector (full duplex) as well as two I/O connections: a 2 alarm in, one alarm out, and an RS-422 full duplex connection, allowing the AVN200 to interface with a variety of external devices, such as Pan/Tilt/ Zoom (PTZ) cameras.

Management & Configuration

of the device is accomplished by any of four methods: PackeTV™ Manager (2nd generation), console menus, a Web interface, or the AVN Control Protocol API. TCP/ IP, HTTP and other Internet-related protocols are supported.



front view



rear view



AVN200

MPEG-2 standard-definition stand-alone encoder

Input/Output

Audio 3.5mm stereo connector provides input for line level audio

S-Video connector provides input for a Y/C video cable

CVBS connector provides input for composite video sources

RCA type composite connections via adapter

Serial Connector (DB9) provides RS-232 (full duplex) communication

I/O 1 provides two alarms in, one alarm out

I/O 2 provides RS-422 (full duplex) communication

Video Encoding

MPEG-2 Compression

1.5 Mbit/s to 7.5 Mbit/s

Video Resolutions

NTSC	PAL
720x480	720x576
480x480	480x576
352x480	352x576
352x240	352x288

Audio Encoding

MPEG-1 Layer II stereo

256kbps to 384kbps

Dimensions

(W x D x H)

96 x 121 x 45 (3.9" x 4.8" x 1.8")

Weight

340g or 0.75 lbs. (approximate)

Power

External power supply +3.3V DC, 2A (power brick)

2.1 mm power jack

100-240VAC, 5.6 watt

Environmental

Operating Temperature -10°C to 50°C (14°F to 122°F)

Compliance

CE, UL Listed I.T.E. E257717

EMC: FCC Part 15 Class B

Closed Captioning (CC)

Supports EIA-608

LED Status Indications

10/100 LED: connection speed

Link/Rx LED: Ethernet link status

Includes

Limited 12-month product warranty

One AC power supply adapter

One Audio cable (1/8 in. to 2 x RCA), male-to-male, 6 feet

One Video cable (RCA to RCA), male-to-male, 6 feet

One RCA-to-BNC adapter, female-to-male

One S-video cable, male-to-male, 6 feet

One CAT 5 Ethernet cable, blue molded, 6 feet

One Null Modem cable, 6 feet

One Ethernet Crossover cable, red molded, 3 feet

Two Phoenix connectors

PacketTV™ software and product documentation available for download from www.vsicam.com

