

AVN210

MPEG-2 standard-definition stand-alone encoder

OVERVIEW

Visionary Solutions' IPTV stand-alone rack-mount encoder can turn video from any composite or S-video source into full-screen, full resolution Internet Protocol digital video, compatible with multicast, webcast and video-on-demand protocols, in real time.

The AVN210 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 AVN210 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 AVN210 includes one BNC composite input, one RCA composite input and one S-Video input for connecting video source equipment.

Audio Input

The AVN210 provides a balanced stereo audio input with XLR connectors and unbalanced with RCA connectors. Audio preamp provides control of balance, volume, tone, bass and treble.

Closed Captioning

The AVN210 supports EIA-608 closed captioning.

External Device Connections

The AVN210 includes an RS-232 serial connector (full duplex) to interface with a variety of external devices.

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.



rear connectors



AVN210

MPEG-2 standard-definition stand-alone encoder

SPECIFICATIONS

Input/Output

XLR Audio provides input for right/left, balanced audio

RCA Audio provides input for right/left unbalanced audio

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

CVBS connector provides input for composite video sources

RCA video connector provides input for composite video sources

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

Video Encoding

MPEG-2 Compression

1.5 Mbit/s to 7.5 Mbit/s

IGMP v1 and v2

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)

483 x 254 x 43 (19" x 10" x 1.7")

Weight

2270g or 5.0 lbs. (approximate)

Power

100V - 240V AC, 7.0 watt

IEC C13/C14

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

Power LED indicates if powered up

Status LED indicates overall status

Network LED indicates Ethernet link status

Video LED indicates the activity and state of the Video/Audio encoder

Includes

Limited 12-month product warranty

One power cable

One CAT 5 Ethernet cable, blue molded, 6 feet

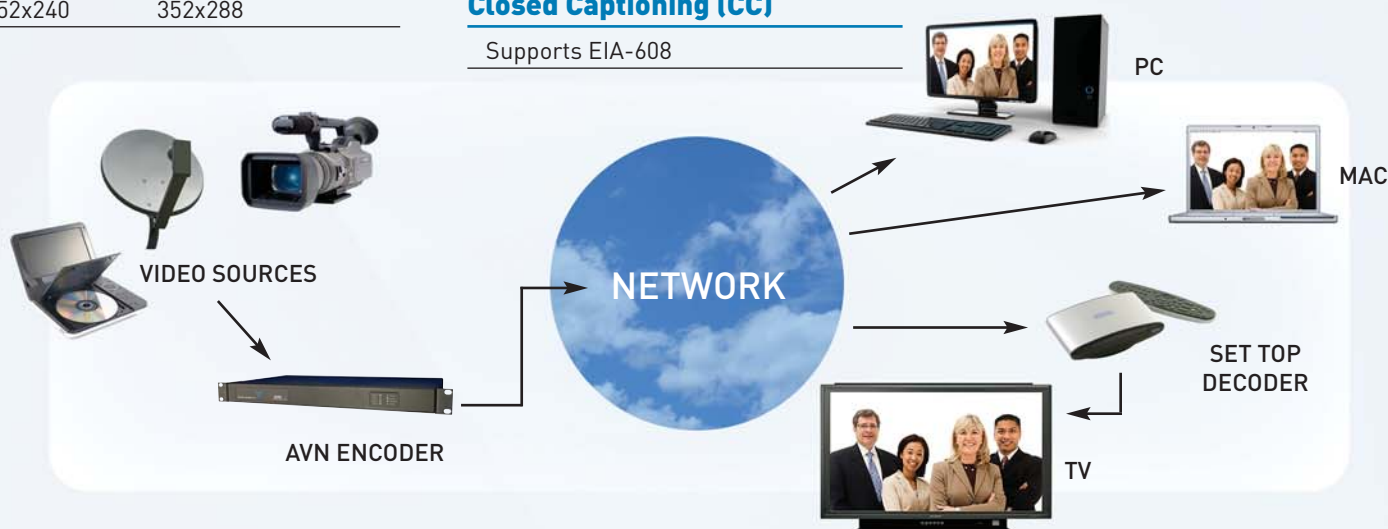
One Null Modem cable, 6 feet

One Ethernet Crossover cable, red molded, 3 feet

Four adhesive rubber feet

One rack mount kit: 2 ear brackets and six screws

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



Visionary Solutions, Inc.

2060 Alameda Padre Serra, Suite 100

Santa Barbara, CA 93103

805-845-8900

www.vsicam.com



MADE IN THE USA



Contract Holder
Contract GS-35F-0327X

THE COST PERFORMANCE LEADER IN PROFESSIONAL IPTV

©2011 Visionary Solutions, Inc. All rights reserved.
Specifications subject to change without notice.
AVN210 specification, December 2011, revision 2.1