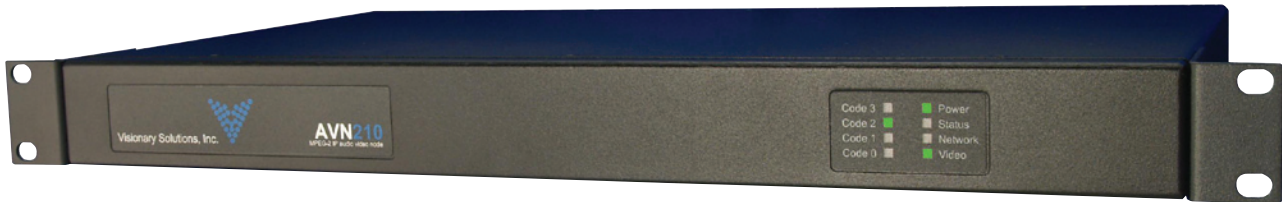




AVN210 IPTV MPEG-2 encoder



Visionary Solutions' AVN210 IPTV MPEG-2 over IP rack mountable encoder is a 1RU unit that streams real-time DVD quality video over LAN or WAN infrastructures. Plug a video source directly into the unit, plug into the network via the RJ-45 connection, and stream real-time DVD quality video over your LAN or WAN. The AVN210 is suitable for applications requiring cost effective, high bit rate video distribution over IP networks. It streams video at 30 fps (frames per second) with full screen resolution of 720h x 480v or with selectable reduced resolutions to conserve bandwidth. With both XLR Balanced,

and RCA Unbalanced audio inputs, the AVN210 features configurable pre-amp, volume, tone, treble, bass and balance. Use any standards compliant method to decode and view the AVN210 encoded IP network video stream, such as a PC with PackeTV™ software or a TV monitor with an IP Set Top Box.

The AVN210 has a unique embedded platform that enables consistent full motion video preserved from: delay, jitter, packet losses, and packet out-of-order instabilities. This technology is unrivaled for cost-to-performance value.

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 frame rates of 25 PAL or 30 NTSC frames per second assured, provided that bandwidth is available. Available image resolutions are: 720x480, 480x480, 352x480, and 352x240 NTSC; and 720x576, 480x576, 352x576, and 352x288 PAL. 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 Inputs.** The AVN210 provides both Balanced audio with its XLR connectors and Unbalanced audio with its RCA connectors. All audio parameters are under user control including: balance, pre-amp, volume, tone, bass, and treble.
- **External Device Connections.** External Device Connections. The AVN210 includes an RS-232 serial connector (full duplex) for console communication.
- **Management & Configuration of the device** is accomplished by any of four methods, **PackeTV™ Manager**, console menus, a Web interface, or the AVN Control Protocol API. TCP/IP, HTTP, and other Internet-related protocols are supported.
- **PackeTV™ Manager** (one (1) license included). PackeTV™ Manager software works in conjunction with the AVN210, enabling live viewing, recording, and extensive AVN210 control and configuration. With username and password control, administrators can select and lock an AVN210's properties for added security.
- **PackeTV™ Configuration Utility** (included) enables quick and efficient setup and mass reconfiguration of key settings including bit rate, video resolution and multicast destination IP addresses.



AVN210 MPEG-2 IP audio video node

Specifications Summary:

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
- RCA Video connector provides input for composite video
- Serial Connector (DB9) provides RS-232 (full duplex) communication

LED Status Indications:

- Power LED indicates that the unit is powered up.
- Status LED indicates the overall status of the system
- Network LED indicates the status of the Ethernet link
- Video LED indicates the activity and state of the Video/Audio encoder

Regulatory Approvals:

- FCC Part 15 Class B, UL Listed I.T.E. E257717, CE

Power:

- 100V - 240V AC, 0.25A
- IEC C13/C14

Includes:

- One AVN210
- 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
- One (1) PackeTV™ software license
- PackeTV™ software and product documentation CD available upon request or download from www.vsicam.com

Optional:

- Extended Product Warranty

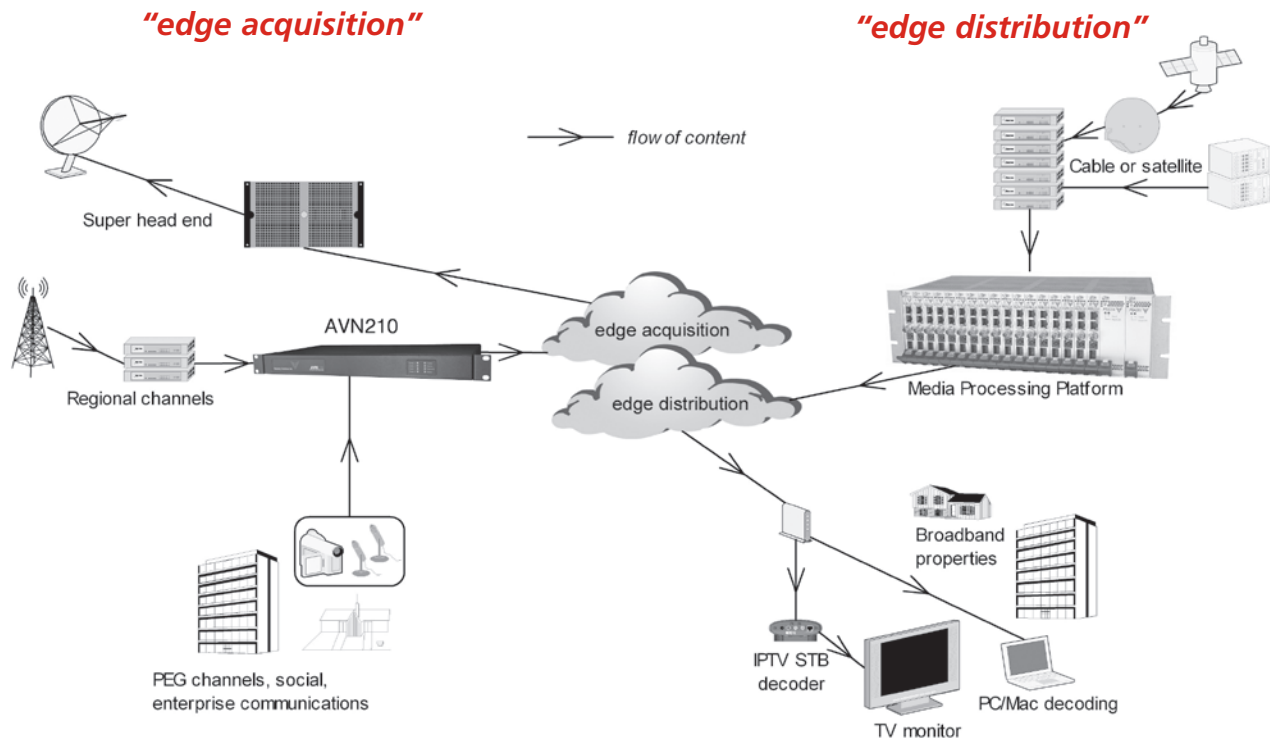
Dimensions:

- Length: 10.00" (25.4 cm)
- Width: 19.00" (48.3 cm)
- Height: 1.70" (4.3 cm)
- Weight: <5.0 lbs. (<2.27 kg)

IPTV distribution for any environment:

- Corporate, Institutional & Multi Dwelling Units (MDU's)
- PEG and regional channel insertion
- Digital Signage- live content
- Hospitals / Clinics / Telemedicine
- Hotel / Resort / Cruise Hospitality
- Mobile Field Video Communications- Military / Disaster Relief

- Online Training- Corporate / Military / Industrial
- Government / Inter-Agency Communications
- Education- Online Seminars, Distance Learning
- Finance / Brokerage Television
- Legal / Legislative Communications- Remote Arraignment
- Manufacturing / Process Monitoring
- Security / Surveillance / Public Safety



Visionary Solutions, Inc.

The Cost-Performance Leader in Professional IPTV

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