

MediaPOINTE VIDi 4

MediaPOINTE's VIDi4 h.264 (AVC, MPEG-4 part 10) encoder blade is used in the VIDi chassis a high density rack mount system for video over IP transport. Plug a video source directly into the blade, plug into the network via the RJ-45 connection, and stream real-time DVD quality video over your LAN or WAN. The VIDi4 system is suitable for all applications requiring cost effective low bit rate video distribution over IP networks.

PRODUCT OVERVIEW

- **Superior Audio/Video Quality.** h.264 (MPEG-4 Part 10/AVC) hardware compression and MediaPOINTE's 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 25fps PAL or 30fps NTSC assured, provided that bandwidth is available.

Image resolutions are configurable from D1 (720x480 NTSC, 720x576 PAL) down to 160x120. The video bit rate can be configured from 100 kbps to 4 Mbps. The audio compression

is either AAC or MPEG-1 Layer 2 audio encoding at 8 to 384 kbps with up to 48 KHz sample rate.

- **Video Inputs.** The VIDi4 includes one BNC composite input, and one S-Video input for connecting video source equipment.
- **Audio Inputs.** A terminal block connector provides audio inputs for Balanced and Unbalanced connections. This allows for easy onsite connections regardless of the cabling outputs of the audio source. The VIDi4 features user control of audio parameters, including mute, pre-amp and volume.

- **External Device Connections.**

The VIDi4 includes a serial connection via an RJ-45 or an RJ-11 connector. This connector can be used as an RS-232port (full-duplex, no hand shaking) or an RS-422 (full-duplex) port. These ports allow the VIDi4 to interface with a variety of external devices, such as Pan/Tilt/Zoom (PTZ) devices.

- **Management & Configuration of the device** is accomplished by any of three methods, console menus, or a Web interface, TCP/IP, HTTP, and other Internet-related protocols are supported.

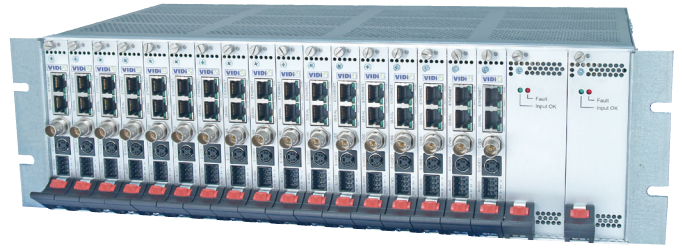
APPLICATIONS

- Corporate, Institutional & Multi Dwelling Units (MDU's)
- 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
- Security / Surveillance / Public Safety

VIDi 2-slot & 17-slot Chassis

The 17-slot Chassis, pictured at right, with dual redundant power scheme, will hold up to eight VIDi 10 high definition (HD) encoder blades or seventeen standard definition(SD) blades.

The 2-slot Chassis has a single power source and can hold one HD or two SD blades. Each Chassis will incorporate a growing family of modules to support transport, switching, transcoding and monitoring of IPTV.



INPUTS/OUTPUTS

- Audio connector provides input for right/left, balanced and unbalanced 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 adaptor
- Serial Connector for RJ-45 connector which allows RS-232 (full-duplex, no handshaking) and RS-422 (full duplex) communication

LED STATUS INDICATIONS

- 10/100 LED indicates the speed of the connection

- Link/Act LED indicates the status of the Ethernet link
- Status LED indicates proper installation, power, and operation
- Video LED indicates the state of the video input signal when a valid video source is detected and blinks at a speed relative to the encoded bit rate when the unit is properly encoding video

REGULATORY APPROVALS

- VIDi 2-slot: FCC Part 15 Class B, UL Listed I.T.E. E257717, CE
- VIDi 17-slot: FCC Part 15 Class A, UL Listed I.T.E. E257717, CE

INCLUDES:

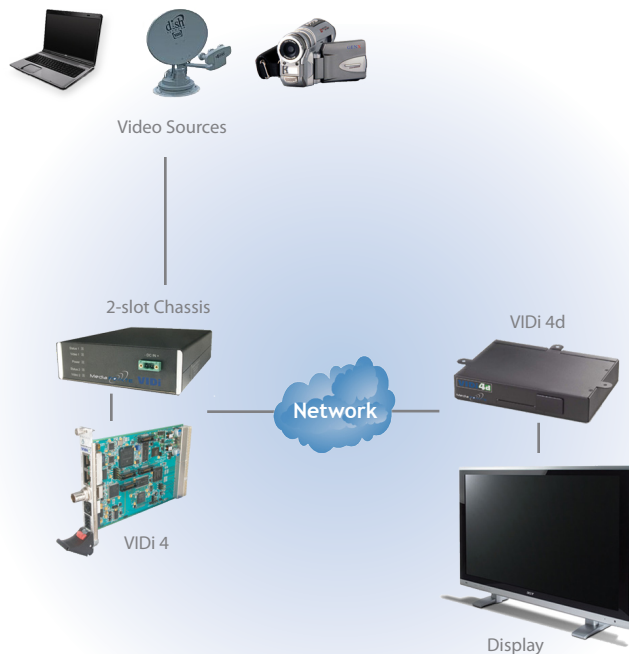
- One VIDi4 blade
- Limited 12-month product warranty
- One RCA-to-BNC adapter, female-to-male
- One Wiedenmuler terminal block connector for audio connections

OPTIONAL

- Unbalanced audio cable for VIDi series blades
- Extended Product Warranty

DIMENSIONS

- W-.78 in. (20mm), H- 5.11 in. (130mm), D- 6.85 in. (174mm)



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