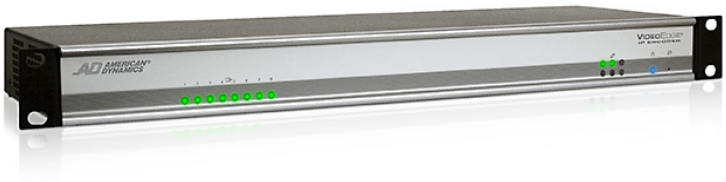
DATA SHEET

VideoEdge® IP Encoder

8-channel IP encoder



Features That Make a Difference:

- Video streaming over IP network
- 8 analog video sources
- 1U 19” rack mount
- MPEG-4/MJPEG compression
- 30 fps on every channel @ D1
- Dual streaming
- Built-in de-interlacing
- Gigabit Ethernet
- 8 audio in/out
- RS232 + RS422/485 for PTZ control
- Compatible with VideoEdge® NVR 3.0

The 8-channel VideoEdge IP Encoder transforms analog video to high quality IP video streams. The rack mount IP encoder is capable of delivering DVD quality video. The embedded software is able to capture and encode analog video and audio while actively monitoring cameras for intruders and rule violations. The easy-to-use built-in web interface lets you control all aspects of video encoding

The VideoEdge IP Encoder uses MPEG-4 and MJPEG video compression and AAC and G.711 audio compression for creating, playing, and streaming digital media over the network. The compressed audio and video is delivered over a TCP/IP network via standard streaming protocols such as RTP/RTSP or HTTP. Each input stream can be encoded at different quality levels for recording and for live view. The image size, frame rate, resolution and bit rates are all adjustable from the remote

The VideoEdge IP Encoder supports two-way audio to enable audio streaming applications. Pan/Tilt/Zoom camera support is provided by RS232 and RS422/485 serial communication ports. A wide range of PTZ camera protocols is supported and an open API is included for application integration and future support of other formats. TTL inputs allow integration with alarms and external sensors. Dry contact relay outputs can be used to control simple external devices. USB 2.0 ports are provided for future expansion purposes such as support of mass storage and other external devices.

The VideoEdge IP Encoder enables integration with 3rd party IP cameras, encoders and is compatible with VideoEdge NVR (using v3.0 software or higher).

Video

Video In.....Eight composite 1 Vpp, 75 ohms NTSC/PAL + optional de-interlacing
Resolutions .....D1, 2CIF, CIF
Compression.....MPEG-4, MJPEG
Frame Rate .....1-30 fps on each channel + dual encode
Bit Rates .....32 Kbps up to 8 Mbps

Connector Type .....Eight BNC

Audio

Audio In.....Eight mono line/microphone inputs
Audio Out.....Eight mono line outputs
Compression.....G.711, AAC
Connector .....Eight audio jacks (3.5 mm)

Network

Interface .....Ethernet 10/100/1000 Base-T
Supported Protocols .....RTP, RTSP, HTTP, UDP, TCP/IP
Connector RJ-45

Serial Port

Interface RS232, RS422/485
Connector .....RS232 via 9-pin D-type, RS422/485 via terminal block
PTZ Support.....Yes

Protocols Supported

American Dynamics RS422

BBV Star Card

Cyberscan1

Pelco D

Pelco P

Phillips TC7560

RS422 Dome

Power

Supply Voltage ..... 12V@5 amp

Environment

Form Factor..... 1U 19-inch compatible
Operating Temperature..... Commercial: 0 °C - 50 °C (32°F -122° F)

Certification & Regulation... UL, FCC, CE

Physical

Dimensions (L x W x D)..... 141 x 439.5 x 43.6 mm (5.55 x 17.3 x 1.71 in)
Unit Weight..... 2.4 kg (5.3 lbs)

Model Number

ADEIP8M..... Eight channel encoder

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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