

DATASHEET



NETVU CONNECTED, SINGLE CHANNEL ENCODER

The DV-IP Encoder is a single channel encoder designed to increase the flexibility of NetVu Connected networks. Its versatility allows existing and new analog cameras to be added to an IP network, enabling a video surveillance solution to expand and adapt without the cost and trouble of completely replacing and redesigning the installation.

Its integrated **MultiMode** recording profiles can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically across normal modes. (Alarm mode setting to be supported in a future release.)

Small and compact, the DV-IP Encoder includes a range of features including Pan-Tilt-Zoom (PTZ) support of major camera manufacturer's products. The DV-IP Encoder is suitable for applications such as private and public campus buildings, shopping centers, universities and hotels. By using the power of NetVu Connected technology, the DV-IP Encoder provides interoperability across the entire video surveillance system.

MultiMode

FEATURES

- JPEG/MPEG-4 simultaneous video compression
- Up to 30PPS (NTSC), 25PPS (PAL) record rate
- QCIF, CIF, 2CIF, 4CIF Resolution support
- Network alarm notification (In future firmware releases)
- Serial support for Pan-Tilt-Zoom (PTZ) cameras
- Embedded web pages for basic configuration
- Fully compatible with NetVu ObserVer
- **MultiMode** Recording - dynamically switchable resolution, record rate and compression per camera (MPEG-4 & JPEG)
- Audio support
- Allows the cost-effective addition of video cameras using the IP network
- NetVu Connected - ensures interoperability of all Dedicated Micros NetVu connected products and third-party integration products
- Add remote cameras to system using existing networks versus installing new analog camera wiring
- Utilizes existing IP networks



AN AD GROUP COMPANY

SPECIFICATION

CAMERAS

- 1 camera input, 75 Ohm
- NTSC, PAL
- Color, Mono

STREAMING

- Up to 30PPS (NTSC)
- Up to 25PPS (PAL)

PTZ

Serial

- JVC • Ultrak • Ademco • GE • BBV
- Bosch • Ernitec • Mark Mercer
- Panasonic • Sensormatic • Pelco
- Samsung • Vista • Dedicated Micros

MultiMode RECORDING PROFILES (Future Release)

MultiMode recording gives you the ability to set different record rates, resolutions and compression algorithms across scheduled, normal and alarm modes. MultiMode recording profiles can be set per unit, giving you the flexibility to adjust resolution (QCIF to 4CIF), record rates and compression settings (MPEG-4/JPEG) dynamically.

SECURITY

Access to video and web pages may be protected using MD5 encrypted user names and passwords.

ALARM CONTACTS (Future Release)

- 3 x Alarm Inputs Total
- Normally Open/Normally Closed software selectable
- Tamper selectable

ALARM SUPPORT (Future Release)

- Tamper (Resistance)
- 0 - 900Ω Tamper (Short circuit)
- 900 - 1kΩ Normal (Closed)
- 1 - 12kΩ Alarm (Open)
- 12 kΩ - Infinity Tamper (Open circuit)
- Camera Fail Trigger

SUPPORT APPLICATIONS

- NetVu ObserVer

COMPRESSION

- JPEG (Video)
- MPEG-4 (Video)
- ADPCM (Audio)
- User definable image file sizes and bit rates

RESOLUTION

Resolution: 4CIF, 2CIF, CIF, QCIF
Sampling rate: 13.5 MHz to CCIR 601
Number of pixels: NTSC 704h x 480v
PAL 704h x 576v
16.8 million colors 256 levels of grey, 8-bit luma.

AUDIO (MONO)

- 1 x Audio Inputs - Phono
- 47KΩ input impedance
- 1 x Audio Output - Phono*
- 47KΩ output impedance

NETWORK SUPPORT

- RJ45 Connector
- 10 BaseT
- Network Protocols Supported; IP, TCP, UDP, TELNET, ICMP, HTTP, ARP

SERIAL PORTS

- 1 x Serial Ports – configurable for:
RS232 (3 wires), RS485 (2 wire), RS422 (4 wire)

SERIAL PORT OPERATIONAL MODES

- PTZ, Debug, Text In Image, Keyboard control

TEMPERATURE RANGE

- Operating Temp 32° to 104°F (0° to 40°C)

BROWSER SUPPORT

- IE 5.5 and Above
- Firefox 1.5 and above

DIMENSIONS

- H2" x W4 11/16" x D6 1/2"
(H50mm x W119mm x D164mm)

MOUNTING

- The unit is designed to be mounted horizontally, vertically or on a wall

PRODUCT CODES

DV-IP ENCODER SINGLE CHANNEL ENCODER

DVPA/ENC01A

PLEASE CHECK THE WEBSITE OR YOUR LOCAL REPRESENTATIVE FOR PRODUCT ORDERING INFORMATION AND OTHER DEVELOPMENTS

www.dedicatedmicrosinc.com

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