



NETVU CONNECTED, SINGLE CHANNEL ENCODER

The DV-IP Encoder is a single channel encoder designed to increase the flexibility of NetVu Connected CCTV networks. Its versatility allows existing and new analogue cameras to be added to an IP network, allowing a CCTV solution to expand and adapt organically 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 and alarm modes.*

Small and compact, the DV-IP Encoder includes a range of CCTV features including; telemetry support of major camera manufacturer's products and integration opportunities using the NetVu SDK (Software Development Kit).

The DV-IP Encoder is suitable for applications such as corporate buildings, shopping centres, universities and hotels.

By utilising the power of NetVu Connected technology, the DV-IP Encoder provides interoperability across a whole CCTV installation.



FEATURES

- ▶ JPEG/MPEG-4 simultaneous video compression
- ▶ Up to 25PPS (PAL), 30PPS (NTSC) record rate
- ▶ QCIF, CIF, 2CIF, 4CIF Resolution support
- ▶ Network alarm notification*
- ▶ Serial Telemetry support for PTZ cameras
- ▶ Embedded web pages for basic configuration
- ▶ Fully compatible with NetVu ObserVer
- ▶ MultiMode Recording profiles*
- ▶ SDK available for project customization
- ▶ Audio support

BENEFITS

- ▶ Allows the installation to organically grow as the user requires it to
- ▶ Removes the cost and trouble of completely replacing and redesigning the installation.
- ▶ Deep integration with NetVu Connected products allows apperalled levels of interoperability
- ▶ Utilises existing IP Networks
- ▶ Allows Rapid deployment of cameras
- ▶ Removes the need for additional cabling saving time and money
- ▶ Compliant to the British Standard for Detector Activated Remotely Monitored CCTV Systems (BS8418)

*Available in future releases

MultiMode

SPECIFICATION

CAMERAS

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

STREAMING

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

TELEMETRY

Serial

- Dennard

More protocols will be added in future releases.

MultiMode RECORDING PROFILES*

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*

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

ALARM SUPPORT (BS8418¹)*

- 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

PRODUCT CODES

DV-IP ENCODER SINGLE CHANNEL ENCODER (UK)	DM/DVPAENC01B
DV-IP ENCODER SINGLE CHANNEL ENCODER (EURO)	DM/DVPAENC01E
DV-IP ENCODER SINGLE CHANNEL ENCODER (US)	DM/DVPAENC01A

E, E, A IN PRODUCT CODE DENOTES POWER SUPPLY TYPE

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: PAL 704h x 576v
NTSC 704h x 480v
16.8 million colours 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

- Telemetry, Debug, Text In Image, Keyboard control

DEVELOPERS SUPPORT

- Java (Via the DM Software Developers Kit)

TEMPERATURE RANGE

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

BROWSER SUPPORT

- IE 5.5 and Above
- Netscape 4.7 and above
- Firefox 1.5 and above

DIMENSIONS

- H50mm x W119mm x D164mm H1.97" x W4.69" x D6.46"

MOUNTING

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

Note1 BS-8418 is the UK code of practice for detector activated CCTV systems reporting alarms to remote video receiving centres.

*Available in future releases

PLEASE CHECK THE WEBSITE FOR DETAILS OF COMPATIBLE PRODUCTS AND OTHER LATEST DEVELOPMENTS



Dedicated Micros UK
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Dedicated Micros Benelux

1200 Daresbury Park, Daresbury, Warrington, WA4 4GB - Tel: +44 (0) 845 600 9500 Fax: +44 (0) 845 600 9504
14434 Albemarle Point Place, Suite 100, Chantilly, Virginia 20151 - USA Freephone: 800 864 7539
Tel: +1 703 904-7738 Fax: +1 703 904-7743 and 23456 Hawthorne Blvd. Suite 100, Torrance, CA 90505 Tel: +1 310 791-8666 Fax: +1 310 791-9877
5580 Explorer Drive, Suite 501, Mississauga, Ontario L4W 4Y1 Tel: +1 905-602-6222 Fax: +1 905-602-6221
Neckarstraße 15a, 41836 Hüchelhoven, Germany - Tel: +49 243 352 580 Fax: +49 24 33 52 58 10
9-13 rue du Moulinet, 75013 Paris, France - Tel: +33 1 45 81 99 99 Fax: +33 1 45 81 99 89
16 New Industrial Road, #03-03 Hudson TechnoCentre, Singapore 536204 - Tel: +65 62858982 Fax: +65 62858646
2/9 Packard Avenue, Castle Hill, NSW 2154, Australia - Tel: +612 9634 4211 Fax: +612 9634 4811
Master Licence 404588736
4/36 William Pickering Drive, Albany, Auckland 0663, New Zealand - Freephone: 0800 364 276 Tel: +64 (09) 448 2366 Fax: +64 (09) 448 2369
BLB017, Bulebel Industrial Estate, Zejtun, ZTN08, Malta - Tel: +356 21483 673/4 Fax: +356 21449 170
Building 12, Suite 302, P.O.Box 500291, Dubai Internet City, Dubai, UAE - Tel: +971 (4) 390 1015 Fax: +971 (4) 390 8655
Delavska cesta 24, 4208 Sencur, Slovenia - Tel: +386 4 279 18 90 Fax: +386 4 279 18 91
Joseph Chantraineplantsoen 1, 3070 Kortenberg, Belgium - Tel: +32 2751 3480 Fax: +32 2751 3481

www.dedicatedmicros.com

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