

DV-IP DECODER



Traditional composite viewing over IP

DV-IP Decoder is a networkable device that allows the user to add traditional composite monitors to NetVu Connected Video Servers and DVRs. Multiple DV-IP Decoder boxes may be added at any convenient network point.

Each DV-IP Decoder supports 5 CCTV monitors, facilitating a viable space saving approach to building video walls in control rooms, and other monitoring positions. Using the network as a transport mechanism, video and audio from multiple sites can be viewed seamlessly across CCTV monitors. Compatible with new and existing NetVu Connected Video Servers and DVRs ensures that the DV-IP Decoder can be specified as a retrospective up-grade or part of a new system.

Whether the NetVu Connected device is streaming JPEG or MPEG-4 the DV-IP Decoder will convert these video streams into composite PAL or NTSC format video for direct connection to a traditional CCTV monitor. The shift to MPEG4 image streaming provides significantly increased up-date rates for dial-in or low bandwidth users.

Typical applications include shopping centres, sports stadiums, town centres, casinos, and university campus's etc. where the requirement to coaxial cable more than one conventional monitoring control point becomes costly and physically disruptive to install.

The DV-IP Decoder is an important building block in the range of NetVu Connected products, designed to meet the demands of 24 hour video surveillance using new or existing IP enabled computer networks.

benefits

- RELIABLE AND ROBUST – EMBEDDED DECODER BUILT ON DM'S TRIED AND TESTED ARCHITECTURE
- ADD CCTV MONITORS – RETURNS NETWORK VIDEO INTO PAL OR NTSC COMPOSITE VIDEO
- DEVELOPERS SUPPORT – USING THE NetVu Connected SDK POWERFUL CUSTOM CONTROL ROOM APPLICATIONS CAN BE DEVELOPED
- MULTISCREEN VIEWING – EACH MONITOR OUTPUT CAN DISPLAY A FULL OR MULTISCREEN OF CAMERAS
- WEB SERVER – INTUITIVE CONFIGURATION VIA PRE LOADED WEB PAGES
- FLEXIBLE VIDEO – MPEG-4 OR JPEG VIDEO STREAMS CAN BE CONVERTED BACK TO IV PK - PK VIDEO
- COMPATIBLE WITH ALL NETVU CONNECTED SERVER PRODUCTS

DV-IP DECODER

Professional Network Video Decoder

MONITORS

- 5
- 100 PPS available globally
- IV Pk-Pk Video Input
- PAL, NTSC
- Colour, Mono mix

COMPRESSION

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

SCREEN MODES

- Full
- Quad (Upto 20 cameras from 20 different units across 5 monitors)

RESOLUTION

- Sample rate 13.5MHz to CCIR 601
- JPEG
 - PAL – 640x256 (max)
 - NTSC – 640x240 (max)
- MPEG-4 (CIF/QCIF)
 - PAL – 320x256 (max)
 - NTSC – 320x240 (max)

AUDIO (MONURAL)

- 1 x Audio Output - Phono
- 47K Ω output

NETWORK SUPPORT

- RJ45 Connector
- 10/100 BaseT Auto Negotiation (or forced 10BaseT)
- Network Protocols Supported; IP, TCP, UDP, DHCP, FTP, TELNET, ICMP, HTTP, ARP,
- Built-in firewall for intrusion detection and protection
- Bandwidth throughput 4Mbps max total

SERIAL PORTS

- 9 x Serial Ports comprising;
- 2 x Full RS232 (9 wires)
- 2 x RS232 (3 wires) RS485, RS422
- 5 x via RJ45 (non operational for future use)

SERIAL PORT OPERATIONAL MODES

- Debug

FRONT PANEL STATUS

- Network activity
- HDD activity – not used
- Power
- Decoder status

CONFIGURATION

- Via preloaded web pages

MULTILINGUAL SUPPORT

- English
- French
- Dutch
- Spanish
- Italian
- German
- Russian
- Portuguese
- Turkish
- Danish
- Norwegian
- Swedish
- Croatian
- Finnish
- Hungarian
- Polish

BROWSER SUPPORT

- IE 5.5 and Above
- Netscape 4.7 and above

DEVELOPERS SUPPORT

- Java (Via the NetVu Connected SDK – Software Developers Kit)

TEMPERATURE RANGE

- Operating Temp 5 to 45°C (41 – 113 °F)

RELATIVE HUMIDITY

- 5% to 85% Non condensing

DIMENSIONS

- 85mm (H) x 225mm (W) x 322mm (L)

PSU

- Input Voltage – 110VAC to 230VAC 50/60Hz

PLEASE CHECK THE WEBSITE FOR LATEST DEVELOPMENTS

FOR FURTHER INFORMATION PLEASE CONTACT



www.dedicatedmicros.com

Dedicated Micros UK

Dedicated Micros USA

Dedicated Micros Europe

Dedicated Micros France

Dedicated Micros Asia

Dedicated Micros Australia

Dedicated Micros Malta

Dedicated Micros Middle East

Dedicated Micros Slovenia

Dedicated Micros Benelux

11 Oak Street, Swinton, Manchester M27 4FL UK Tel: +44 (0) 161 727 3200 Fax: +44 (0) 161 727 3300

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

Neckarstraße 15, 41836 Hückelhoven, 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 Techno Centre, Singapore 536204 Tel: +65 62858982 Fax: +65 62858646

5/3 Packard Avenue, Castle Hill, NSW 2154, Australia Tel: +612 9634 4211 Fax: +612 9634 4811

UB 2, San Gwann Ind. Est., San Gwann, Malta Tel: +356 21483 673 Fax: +356 21449 170

Building 12, Suite 302, P.O.Box 500291, Dubai Internet City, Dubai, United Arab Emirates
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

The manufacturer reserves the right to change the specification without notice.

All trademarks are courtesy of registered owners.

DV-IP is a trademark of Dedicated Microcomputers Group Ltd.



REF: DM10/05