DV-IP DECODER

Professional Network Video Decoder

- **MONITORS**
- 5
- 25/30 PPS per output
- 1V Pk-Pk Video Input
- PAL, NTSC
- Colour, Mono mix

COMPRESSION
- M-JPEG (Video)
- MPEG-4[1] (Video)
- ADPCM (Audio)
- User definable image file sizes

RESOLUTION
- Sample rate 13.5MHz to CCIR 601

- M-JPEG
  PAL – 640x256, 720x256, 768x288, 640x576, 768x576
  NTSC – 640x240, 720x240, 640x480, 720x480,

- MPEG-4[1]
  PAL – 176x144, 352x288, 640x256, 720x288
  NTSC – 176x112, 352x240, 640x240, 720x240
  Configurable bit rate from 64kb/s – 1Mb/s

AUDIO (MONURAL)
- 5 x Audio Inputs - Phono
- Full bi-directional audio from remote site to RVRC
- 8Khz Sampled
- 47KΩ input impedance

- 5 x Audio Output - Phono
- 47KΩ 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

SERIAL PORTS
- 4 x Serial Ports comprising;
- 2 x Full RS232 (9 wires)
- 2 x RS232 (3 wires) RS485, RS422

SERIAL PORT OPERATIONAL MODES
- PPP, Telemetry, Debug, Transparent

FRONT PANEL STATUS
- Network activity
- HDD activity – not used
- Power
- Decoder status

MULTILINGUAL SUPPORT
- English
- French
- Dutch
- Spanish
- Italian
- German

BROWSER SUPPORT
- IE 5.5 and Above
- Netscape 4.7 and above

DEVELOPERS SUPPORT
- Java (Via the DM SDK – Software Developers Kit)

TEMPERATURE RANGE
- Operating Temp 5 to 45oC (41 – 113 oF)

RELATIVE HUMIDITY
- 5% to 85% Non condensing

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

PSU
- Input Voltage – 110VAC to 230VAC 50/60Hz
- Output Voltage – +5, +12, -12 VDC

COLOUR – CASE
- Silver – Pantone 877

Note[1] MPEG-4 will be available via a software upgrade, due for release September 2004.

PLEASE CHECK THE WEBSITE FOR LATEST DEVELOPMENTS

FOR FURTHER INFORMATION PLEASE CONTACT

DEDICATED MICROS
www.dedicatedmicros.com

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 a Dedicated Micros DV-IP server solution. Multiple DVIP Decoder boxes can be added at any convenient network point, thereby providing a cost-effective mix of traditional CCTV monitors and networked PC viewing across an installation.

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 transport mechanism, both audio and images from multiple sites can be viewed seamlessly on different media including CCTV monitors, PC's and PDA's. Compatibly with new and existing DM video servers ensures that the DV-IP Decoder can be specified as a retrospective up-grade or part of a new system.

Whether the DV-IP server is streaming M-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 Dedicated Micros' professional DV-IP networked video solutions, designed to meet the demands of 24 hour video surveillance using new or existing IP enabled computer networks.

Benefits

- **RELIABLE AND ROBUST– SAME TECHNOLOGY DNA AS DV-IP SERVER**
- **ADD CCTV MONITORS – RETURNS NETWORK VIDEO INTO PAL OR NTSC COMPOSITE VIDEO**
- **DEVELOPERS SUPPORT – USING THE DV-IP POWERFUL CUSTOM APPLICATIONS CAN BE DEVELOPED**
- **REAL TIME VIDEO – 5 MONITOR OUTPUTS PROVIDING 25PPS VIDEO PER OUTPUT**
- **QUAD VIEWING – EACH MONITOR OUTPUT CAN DISPLAY A QUAD OF CAMERAS**
- **SERIAL PORTS – TRANSPARENT SERIAL PORTS ALLOWING SERIAL DATA TO BE ROUTED FROM SERVER TO DECODER**
- **AUDIO – 5 LINE LEVEL INPUTS/OUTPUTS FOR REMOTE SITE INTERACTION**
- **WEB SERVER – INTUITIVE CONFIGURATION VIA PRE LOADED WEB PAGES**
- **FLEXIBLE VIDEO - MPEG-4 AND MJPEG VIDEO STREAMS CAN BE CONVERTED BACK TO 1V PK - PK VIDEO**
- **COMPATIBILITY – SUPPORTS NEW AND EXISTING DM VIDEO SERVERS**