DV-IP CODEC

NetVu CONNECTED

NETVU CONNECTED, SINGLE CHANNEL, SELECTABLE ENCODER/DECODER

The DV-IP Codec is a single channel selectable encoder/decoder designed to increase the flexibility of NetVu Connected video surveillance system networks. Its versatility allows the user to choose whether the unit operates as a single channel encoder or decoder as the installation dictates.

ENCODER CAPABILTY

In encoder mode the DV-IP Codec enables existing and new analog cameras to be added to an IP network, allowing a video surveillance solution to expand and adapt without the cost and trouble of completely replacing and redesigning the installation. Its programming menu includes **Multi**Mode profiles that can be set to give the user the flexibility to adjust resolution (QCIF to 4CIF) and compression settings (MPEG-4/JPEG).

DECODER CAPABILTY

The DV-IP Codec in its decoder mode gives the user increased viewing flexibility by allowing additional monitoring stations to be deployed in the video surveillance system installation as required. The unit can support full and quad screen viewing modes while multisite viewing and the automatic detection of MPEG-4/JPEG streams.

FEATURES

- **JPEG/MPEG-4 simultaneous video compression**
- **Up to 30PPS (NTSC), 25PPS (PAL) record rate**
- **QCIF, CIF, 2CIF, 4CIF Resolution support**
- **NetVu Connected**
- **Network alarm notification**
- **Video Output**
- **Full and Quad screen modes supported**
- **Single Channel Audio Input / Output**
- **Embedded web pages for basic configuration**
- **Remote configuration through associated web pages**
- **Encoder/Decoder mode user adjustable**
- **Free NetVu ObserVer remote viewing software**
- **Multi**Mode **support (up to 2 profiles loaded via the associated DVR)**

DEDICATED MICROS

SPECIFICATION

DECODER SPECIFIC
MONITORS
• 1 monitor output (VGA and composite)
• BNC 75Ohm
• Images viewable in full, and quad screen modes
  (Decoder Mode only)

ENCODER SPECIFIC
CAMERAS
• 1 camera input, NTSC/ PAL
• Color, Mono

STREAMING
• Up to 30PPS (NTSC)
• Up to 25PPS (PAL)
• MPEG-4 or JPEG @ QCIF, CIF, 2CIF or 4CIF

PTZ
Serial
• Pelco
• Dedicated Micros

COMPATIBILITY
The DV-IP Codec is compatible for use with any NetVu Connected
DVR and supports the DVR's **Multi**Mode and **Trans**Coding technology.

ALARM/RELAY CONNECTION
Physical connector for future firmware release

VGA CONNECTION
Physical connector for future firmware release

SUPPORT APPLICATIONS
• NetVu ObserVer

COMPRESSION (Encoder/Decoder Mode**)**
• JPEG (Video)
• MPEG-4 (Video)
• ADPCM (Audio)
• User definable image file sizes and bit rates

MONITOR RESOLUTION
• Sample rate 13.5MHz to CCIR 601
• Composite Monitor: PAL –720x256 (Max) NTSC –720x240 (Max)

AUDIO (MONO)
• 1 x Audio Inputs - Phono
• Full bi-directional audio with recording on each input software
  selectable
• 47K Ω input impedance
• 2 x Audio Output - Phono
• 47K Ω output impedance

NETWORK SUPPORT
• RJ45 Connector
• 10/100 BaseT
• Network Protocols Supported; IP, TCP, UDP, TELNET, ICMP, HTTP,
  ARP

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

SERIAL PORT OPERATIONAL MODES
• PTZ, Debug, Text In Image, Keyboard control

FRONT PANEL STATUS
• Status
• Power

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 SINGLE CHANNEL CODEC	DM/ DVPB/ CDC01

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

DEDICATED MICROS

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

CE   c UL us   ISO 9001   FC Part 15