

# DATASHEET



Dedicated Micros DV-IP ATM Express is specifically sized for installation within the confined conditions of an ATM machine or location within a POS area. Capturing and processing transaction data which is then recorded with video footage, the DV-IP ATM Express enables live and post event analysis of transactions via the built in text search engine.

This powerful integration of text and video data can quickly help to resolve any genuine disputes regarding cash withdrawals or purchase payments. With access to the units interface from a local display as well as remote webpages the DV-IP ATM Express can be configured and controlled even without network connectivity

#### COMPACT DESIGN

The small form factor of the DV-IP ATM Express (measuring just 10" by 5"), combined with its low voltage power demands make the Video Server perfect for installing in confined or remote locations and can easily be used as a rapid deployment Video Server for covert or short term security.

#### SIMULTANEOUS LIVE VIEWING & RECORDING

The DV-IP ATM Express offers simultaneous live viewing & recording to allow live monitoring without impacting recorded video.

#### RECORD RATE

True global record rates of up to 100pps (PAL), 120pps (NTSC).  
Assuming all camera channels are populated:  
CIF available at 25pps (PAL), 30pps (NTSC) per camera  
2CIF available at 12pps (PAL), 15pps (NTSC) per camera  
4CIF available at 6pps (PAL), 7pps (NTSC) per camera

#### TEXT INTEGRATION

Combined with the ATMi, the DV-IP ATM Express can capture data generated from ATM machines or any POS device and display it alongside associated video. Data can be searched for keywords or in conjunction with alarm activity and can be a powerful force in the fight against retail crime.

#### SEAMLESS NETVU CONNECTED INTEGRATION

NetVu Connected technology enables the DV-IP ATM Express to fully interoperate with other NetVu Connected products including the DVIP Decoder, Pick-a-Point, DV-IP Server, NetVu Console, HighVu Excel and NetVu ObserVer to provide the user with a single unified viewing solution.

## FEATURES

- 4 Channel, up to 100pps across the unit
- Simultaneous live viewing, playback and recording
- Real-time live display on all connected cameras
- Real-time recording per camera
- USB ports for download of video archive to external storage device
- Composite main monitor output
- Serial telemetry control including Pelco P & D
- Audio In/Out
- Embedded Operating System
- Text support - capture, record and search text data with relevant CCTV footage
- NetVu Connected for seamless interoperability with other NetVu Connected devices
- **MultiMode** Recording – Dynamically-switchable resolution, record-rate & compression (MPEG4/ JPEG) per camera
- Pre-alarm recording to capture evidence before alarms are triggered
- Alarm Zones for false alarm suppression
- Retrospective motion search for analysis of any captured video
- **PowerScript** allows installers, system integrators and users to develop powerful bespoke applications



# SPECIFICATION

## CAMERAS

4 camera inputs. Auto detection on power up. Alarm on Camera Fail & Camera Masking

## RECORDING

Simultaneous live viewing during playback and recording

## RECORD RATES

Maximum PPS of unit: 100pps

Per Camera: 25pps @ CIF, 12pps @ 2CIF, 6pps @ 4CIF (PAL)  
30pps @ CIF, 15pps @ 2CIF, 7pps @ 4CIF (NTSC)

## STORAGE

Up to 1TB of on-board storage. External archiving of data available via USB

## MONITORVIEWING

Main Monitor: Composite output

## REAL TIME LIVE MULTISCREEN DISPLAY

Display a quad view of images with realtime updates in live mode

## REMOTE VIEWER

Integrated into the configuration web pages, the remote viewing client duplicates the local on-screen user interface. This remote viewer can be used on any compatible browser removing the need to install any separate software.

## MultiMode RECORDING

Set different record rates, resolutions (QCIF to 4CIF), and compression algorithms (MPEG-4/JPEG) dynamically on individual cameras and across the whole unit for both normal and alarm modes.

## ACTIVITY DETECTION

Activity detection will switch the selected camera from normal record profile to alarm record profile.

## VIDEO MOTION DETECTION

Programmable VMD grid with individually definable zones per camera. User-definable sensitivity for each zone and pre and post activity recording, definable by user.

## RETROSPECTIVE MOTION SEARCH

When Activity Detection has not been enabled on a camera users can still review footage for movement by using Retrospective Motion Search which reviews sections of recorded footage for movement.

## ALARMS & RELAYS

3 normally open/closed alarm inputs  
1 global keyswitch assigned to any of these inputs  
1 relay output configurable to trigger in response to events

## ALARM ZONES

Alarm zones combine multiple alarm inputs to generate alarm events. This can help to minimise false triggers. e.g. you can set an alarm to be triggered by a combination of Text Inputs and Camera VMD to remove miss-triggers from either source.

## PRE-ALARM

Each camera input can continuously capture a configurable number of JPEG images at a user defined pre-alarm capture rate. When an event occurs, the images captured before the alarm

event are recorded to disk, allowing the viewer to see enhanced evidence leading up to the event.

## AUDIO

Line in: 1x 1V pk-pk, RCA phono socket  
Line out: 1x 1V pk-pk, RCA phono socket

## TEXT INTEGRATION

Using the ATM Interface Module (ATMi -available separately) transaction data can be captured from any POS or ATM machine and associated with relevant video. Utilising **PowerScript**, our application development platform, integrators and end-users can create powerful custom applications tailored to their needs.

## TEXT SUPPORT

The unit can search captured transaction data for specific goods purchased, transaction numbers, credit card references, keywords etc. and jump straight to the associated video sequence.

## TELEMETRY

Built-in RS485/Twisted pair protocols provide direct control of numerous domes including but not limited to the following:  
• Dedicated Micros Dennard 2040 to Dennard 2060 • Honeywell /VCL Orbiter & Jupiter Microspheres™ • GE CyberDome™ • BBV RS485 StarCard • Bosch/Philips G3 • American Dynamics • Panasonic • Pelco

## COMPRESSION

JPEG & MPEG-4 format files.

## RESOLUTION

QCIF, CIF, 2CIF and 4CIF resolution

## DATA PORTS

Serial Ports: 1x RS485, 1x RS232  
Ethernet: 1x Ethernet RJ-45 10/100 Ethernet connection.  
USB: 1 x USB 2.0 Connector

## WEIGHTS & MEASURES

Dimensions: 55mm (H) x 125mm (W) x 247mm (D) (2 2/12 inches x 5 inches x 9 7/12 inches)  
Weight: 1.5kg (3.3lb) (excl. PSU)

## POWER SUPPLY

25W External Power Supply

## TEMPERATURE RANGE

Temperature range: 5 - 40°C

## RELATIVE HUMIDITY

Relative humidity: 10% - 85% Non-condensing

## WARRANTY

3 years warranty including HDDs.

## AVAILABILITY

Available now through our regular channels or directly from Dedicated Micros\* – please contact Dedicated Micros Customer Service team for further information.

\* Direct purchases are only available for security installers and/or security integrators trading in the following regions: European Union, Australia, United States. For other countries, please contact us.

| Model Code     | Description                  |
|----------------|------------------------------|
| DM/DVPAT/250/4 | 4 Channel DVR, 100pps, 250GB |
| DM/DVPAT/500/4 | 4 Channel DVR, 100pps, 500GB |
| DM/DVPAT/1T0/4 | 4 Channel DVR, 100pps, 1TB   |

To find your nearest Dedicated Micros office, please visit

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