



## AN INTEGRATED ATM VIDEO SURVEILLANCE SOLUTION FOR THE RETAIL BANKING INDUSTRY.

Underpinned with our extensive knowledge of the retail banking industry, the **ATM Advance hybrid DVR/NVR**, offers powerful integration of text and video data with **ATM machines**. This ensures quick resolution with any genuine disputes regarding cash withdrawals or purchase payments.

### 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

### NETVU CONNECTED

As part of the NetVu Connected suite of products, the ATM Advance supports the ease of connectivity and scalability synonymous with our products while also providing the means to view distributed images through our NetVu Observer video management software.

## FEATURES

- 4 Channels, up to 100pps across the unit (NTSC 120pps)
- Designed specifically for use with ATM Machines
- Analogue and IP camera support, providing flexibility to support all CamVu HD IP cameras
- Real-time live display on all connected cameras
- Real-time recording per camera
- Composite main monitor output
- Simultaneous live viewing, playback and recording
- Up to 4Tb of built-in storage
- Simple Graphical User Interface
- All our DVRs have an embedded, non windows real time operating system (RTOS), which has been designed specifically for video processing.
- Text support - capture, record and search text data with relevant CCTV footage
- Supports our industry leading remote codec technology where the camera codec becomes an extension of the ATM Advance
- **MultiMode** Recording – Dynamically-switchable resolution, record-rate & compression (MPEG4/ JPEG) per camera
- **TransCoding** - High quality recording and simultaneous video transmission using MPEG4, JPEG or H.264 for playback
- 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
- **Closed IPTV** - Automatically allocating IP addresses to IP cameras by physical port, creating firewalls and monitoring point-to-point IP connections so they cannot be hacked or intercepted.



# 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 4TB of on-board storage.

## MONITOR VIEWING

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.

## 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.

## WEIGHTS & MEASURES

Dimensions: 43mm (H) x 42mm (W) x 23mm (D)  
(1.69 inches x 1.65 inches x 0.90 inches)

Weight: 4.8kgs (10.6lb) (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/DVPAT3/0GB	DV-IP ATM Advance
DM/DVPAT3/2TB	DV-IP ATM Advance, 2TB
DM/DVPAT3/4TB	DV-IP ATM Advance, 4TB
DM/DVPAT3/0GB/A	DV-IP ATM Advance NTSC
DM/DVPAT3/2TB/A	DV-IP ATM Advance NTSC, 2TB
DM/DVPAT3/4TB/A	DV-IP ATM Advance NTSC, 4TB

To find your nearest Dedicated Micros office, please visit

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