



DIGITAL RECORDING & TRANSMISSION



ObserVer

NetVu
CONNECTED

MultiMode

TransCoding

REDEFINE THE BOUNDARIES OF VIDEO MANAGEMENT

WELCOME

At Dedicated Micros we know that the Digital Video Recorder is the one part of the CCTV system in which you have to have absolute faith. The trust you place in its integrity and quality is paramount; which is why we take our Digital Recording and Transmission business so seriously - we know that as an installer you can't afford to take risks.

We've built our reputation on the high quality and reliability of our products and support. As a specialist manufacturer for over 20 years, we've spent millions of man-hours developing and fine-tuning our systems.

Nothing demonstrates this more than the launch of the latest products to our range. Digital video technology doesn't stop at conventional security - its capabilities stretch to a comprehensive range of market applications...

- >> Banking
- >> Retail, Hotels & Leisure
- >> Transportation
- >> Law Enforcement
- >> Healthcare & Education
- >> Local Government

...each providing new solutions and opportunities for your business and customers

Please contact your local Dedicated Micros customer service team for our vertical market brochures, or visit the website... www.dedicatedmicrosus.com

FEATURES ACROSS THE DEDICATED MICROS RANGE



MultiMode



TransCoding

>> HARD DISK RECORDING

You don't need a VCR to record images anymore because they are stored on a hard disk inside the unit. Problems of poor quality images due to worn VCR tapes and tape management issues are eradicated. The operator never needs to worry about re-winding, changing or replacing tapes again. When the available hard disk space is full, the unit automatically begins recording over the oldest video. Any periods of recorded video can be protected to prevent them from being overwritten.

This one box design dramatically reduces the downtime for maintenance or repair generally associated with VCRs, saving installers both time and money. DM's DVR range literally provides a fit and forget solution.

>> INSTANT ACCESS

Powerful GOTO and event search facilities allow the user to access the footage they need quickly and easily. Users can either key in the date and time, view video frame by frame or playback all alarm triggered events with no loss of record performance.

>> DIGITAL SIGNATURE

All Dedicated Micros units have built-in tamper proof mechanisms, so it's virtually impossible to tamper with either individual images or sequences of images without detection.

Dedicated Micros offers you the most comprehensive range of digital video recorders on the market. From simple stand-alone installations to fully integrated enterprise systems, Dedicated Micros has a surveillance solution to match your application and budget.



>> REMOTE VIEWING

Perhaps your customer wants to view premises out of hours or they simply want to keep an eye on what's going on. All Dedicated Micros DVRs offer remote viewing as standard either via Ethernet or dial-up modem connection. We provide free user-friendly network viewing software that allows you to view all cameras attached to the unit, and in most cases telemetry control too.



>> DIGITAL QUALITY

Not only do you get crystal clear digital image quality from our DVRs, digital images do not degrade – the image stays the same no matter how many times it is copied. Digital also gives you perfect picture pause with no distortion – and tear free rewind and fast forward.

NetVu ObserVer SEAMLESS VIEWING

The NetVu ObserVer video management software, allows users to seamlessly view distributed images from any NetVu Connected DVR or Video Server, from any moment in time, anywhere in the world.

Developed using DM's innovative SDK (Software Development Kit), NetVu ObserVer offers flexible site management from a single server to a large multi site installation such as a town centre, hospital or campus environment. It's site tree facility allows servers and individual cameras to be accessed quickly, and the inclusion of the multi-site viewing facility makes the management of sites more efficient and responses to events even quicker.

Built-in MPEG-4 support provides viewing of both JPEG or MPEG-4 video streams, allowing the user to optimise bandwidth usage on constrained networks. A straight forward drag and drop GUI, together with saved screen views provide the user with an easy to use viewing solution, offering a seamless single user interface to all NetVu Connected products. The latest releases of NetVu ObserVer now incorporates Map support in its GUI. Users are able to use map images and

floor plans to identify camera locations around a site, installation or CCTV network. Clicking on the relevant camera will instantly connect the user to the camera image stream. The addition of a free Map Editor plug-in allows users to construct their own network of site plans for use in NetVu ObserVer. NetVu ObserVer's built-in replay server allows the application of features (such as picture in picture, and GOTO event search) to archived data from a hard drive, server or DVD/CD.

ObserVer



**NetVu ObserVer IS AVAILABLE ON THE DEDICATED MICROS
WEBSITE AND IS SHIPPED WITH ALL NetVu Connected PRODUCTS**





NetVu CONNECTED

Over the last two decades Dedicated Micros have delivered a wealth of innovation and experience to the Security Industry worldwide. NetVu Connected is the mark of excellence in networked CCTV, offering unparalleled scalability in a simple easy to use format. NetVu Connected software lies at the

heart of numerous Dedicated Micros products. By using NetVu Connected products, installers and end users link into real business benefits offering guaranteed compatibility, reducing installation and commissioning time while retaining the Dedicated Micros ease of use philosophy. Images distributed from any NetVu

Connected DVR can be viewed on any NetVu Connected display device such as the NetVu ObserVer viewing software.

A photograph of two hikers with large backpacks standing on a rocky ridge. The hiker on the left is leaning forward, while the hiker on the right is pointing towards the distance. The background shows a vast, mountainous landscape under a clear blue sky.

CONNECTED THINKING. CONNECTED SECURITY.

Digital Sprite 2 range

FLEXIBLE DIGITAL CONTROL



The New Digital Sprite 2 provides true flexibility to any CCTV security solution. An intuitive interface allows easy local user operation while IP connectivity provides remote monitoring and system configuration via Dedicated Micros NetVu Connected software.



LOCAL CONTROL

DS2 is renowned for its easy and intuitive local operation support. Improvements in local archiving, alarm display and image viewing make the DS2 better than ever for the local operator. Furthermore, on-site operations have been enhanced with features such as DuoVu while new remote functionality including Instant Alarm Reporting (including dial-out on alarm) mean that you can find out about a situation in time to control it.

MultiMode RECORDING

Features such as pre-event recording and the new **MultiMode** Recording feature ensure resources are focused where and when they are needed. MultiMode Recording is a new feature for the CCTV industry and allows the user to set different record rates, resolu-

tions and compression algorithms across scheduled, normal and alarm modes. A built in DVD-R writer provides a quick and easy way of copying key events to DVD or CD on-site whilst FTP archiving allows evidence transfer over a network connection, either automatically or on demand. With support for more external storage than ever before the new DS2 provides the capacity for almost any digital surveillance requirement.

INVESTMENT PROTECTION

As part of the NetVu Connected family the new DS2 is built to adapt to future advances in security technology, protecting your clients from unnecessary expenditure for years to come. In addition the new DS2's telemetry capability has been improved too, with more choice over the range of available protocols, ensuring that existing cameras can sit alongside new installations, protecting your customer's existing investment.

- **6, 9 and 16 camera models available**
- **Internal DVD-R (DVD writer) as standard**
- **Up to 16 units may be controlled via remote keyboard**
- **Simultaneous JPEG recording and transcoded MPEG-4 transmission**
- **Full telemetry control**
- **MultiMode Recording - Dynamically-switchable resolution, record-rate & compression (MPEG4/JPEG) per camera**
- **VMD and video motion search**
- **NetVu Connected**
- **Dial-out on alarm**

SEAMLESS VIEWING

Developed to provide greater flexibility across DM's Digital Recorder and Transmission range, NetVu ObserVer offers seamless, remote site management whether the installation is a single camera or a large multi-site installation. Its site tree facility allows servers and individual cameras to be accessed quickly, and the inclusion of the multi-site viewing facility makes the management of sites more efficient and responses to events even quicker. A straight forward drag and drop GUI, together with saved screen views provide the user with an easy to use viewing solution, offering a seamless single user interface to all NetVu Connected products.

With Dedicated Micros NetVu ObserVer video management software, users are able to seamlessly view distributed images from any NetVu Connected product (such as the new Digital Sprite 2), from any moment in time, anywhere in the world.

TEXT SUPPORT

Through the inclusion of Text Support, the DS2 can search captured transaction data for specific goods purchased, transaction numbers, credit card references, keywords etc. and jump straight to the associated video sequence. Additional functionality allows alarms to be raised on the use of keywords from POS and other devices and NetVu ObserVer support.

NetVu Connected

The DS2 now has NetVu Connected tech-

As part of the NetVu Connected family the new DS2 is built to adapt to future advances in security technology, protecting your investment for years to come

nology built-in to ensure maximum compatibility with future developments in networked security. NetVu Connected technology enables the new DS2 to fully interoperate with other NetVu Connected products from DM including the DV-IP Decoder, and the NetVu ObserVer PC Viewer. NetVu Connected technology uses industry standard networking protocols supported by a wide range of third-party integration products to allow a range of management, monitoring and configuration activities to be conducted remote from the unit.

REMOTE ALARM MANAGEMENT

The DS2 is now capable of integrating into a network based security system, with full support for Alarm Receiving Centers and a range of features including simultaneous JPEG recording and transcoded MPEG-4 transmission, an alternative signalling path for alarm alert redundancy, tamper proof alarm support and false alarm suppression.

ObserVer



The BX2 and BX2 CA range

LONG TERM DIGITAL RECORDING SOLUTION

The BX2 Continuous Archive is Dedicated Micros flag-ship digital recording solution allowing hard disk drives to be hot-swapped without pausing recording. Targeted at security managers and specifiers of high risk commercial and government environments, BX2 Continuous Archive allows the end-user to create an unlimited archive of footage, or provides hard drive evidence on demand to law enforcement agencies.

MIRRORING TECHNOLOGY

Using RAID1 mirroring technology, the BX2 Continuous Archive provides upto 1TB of storage from its 2TB disks. At any time the mirror drives can be hot-swapped allowing the entire storage to be instantly removed for archive, or made available for evidence without any disruption to recording or system operation.

UNLIMITED ARCHIVE

By scheduling regular hot-swap of mirrored drives, end-users can create continuous archives of unlimited capacity.

The BX2 range also includes standard models without hot swappable disks but includes features such as advanced record schedule, built-in CD-R and video motion search facility in a choice of 640GB, 1.2TB or a massive 2TB storage options.



RAID 1 PROTECTION

For applications where evidence needs high levels of protection, RAID 1 ensures that all data has an identical back-up copy that can be used in the unlikely event of disk failure.

- **RAID 1 protection hot swappable disks**
- **Quick and easy copy to internal CD-Writer**
- **Maximum record rate of 100pps PAL, 120pps NTSC**
- **Ethernet remote viewing**
- **Audio recording**

Eco4, Eco9, Eco16 & D4

LOW COST DIGITAL CCTV



ECO4

If your client is the owner of a small business then their budget for security will be limited. But they still need to harness the latest technology to create a secure environment – for their customers, employees and the business itself.

- 4 camera inputs
- Compact space saving design
- More than one months recording in a box
- Built in CD-RW option
- Built-in video motion detection
- 30pps NTSC record rate, 25pps PAL
- Quad Display and picture in picture viewing



ECO9

If the solution requires the same feature packed, low cost functionality of the Eco4 but improved camera support, then the Eco9 is ideal.

- Low cost entry level digital solution for small business applications
- 9 camera inputs
- Quick and easy to install
- Internal CD-RW as standard
- Instant access to more than one months recording in a box
- 30pps NTSC record rate, 25pps PAL
- Multiscreen, Quad Display and picture in picture viewing
- Built-in activity detection



ECO16

For the same feature packed, low cost functionality of the Eco9 but improved camera support, then the Eco16 is ideal

- 16 camera inputs
- Quick and easy to install
- NetVu Connected
- QCIF, CIF, 2CIF support
- Internal CD-RW as standard
- 30pps NTSC record rate, 25pps PAL
- Multiscreen, Quad Display and picture in picture viewing
- Controlled via NetVu Observer over the network



D4

If your customer is looking for a more complete range of features from their CCTV system, but still only requires four camera inputs why pay a premium for unnecessary camera channels? D4 allows you to be more competitive without compromising on quality and functionality.

- Serial telemetry camera control via remote keyboard
- Up to 2 months recording in one box
- Internal CD-writer option
- 60pps NTSC record rate 50pps PAL
- Single channel audio recording
- Remote viewing via ethernet or dial-up connection
- VMD and video motion search facilities

ACCESSORIES

Dedicated Micros has a range of accessories designed to compliment Dedicated Micros range of digital video recorders.

JBOD

RAID



REMOTE KEYBOARD

The Dedicated Micros KBS3A remote digital keyboard allows products such as the new Digital Sprite 2 to be controlled 'remotely' with no loss in features. The keyboard also includes PTZ control which again increases the functionality already supported on the DVR. The introduction of the 3-axis joystick means that an Operator can easily control the pan, tilt and zoom functionality with one simple movement and the additional telemetry buttons ensures that any feature supported on the 3rd Party PTZ or dome camera can be accessed and controlled via the keyboard.

Applicable products:
New DS2, the original DS2, the BX2 and the D4 CD.

INFRA-RED REMOTE

The IR remote is supplied FREE with DM's Digital Sprite 2 and BX2 DVRs. It provides the user with convenient front panel control including:

- The ability to change cameras and camera views, i.e. quad, PIP and split screen
- The option to playback images from the hard disk
- Search using the GOTO function, and review the event list
- Multiple units in a rack can be controlled using a single remote
- No additional wires or cables are required

Applicable products:
D4, New DS2, BX2.

JBOD

JBOD is a high capacity external hard disk option that simply provides additional storage capabilities for all DVRs and servers in the Dedicated Micros range. When you connect one or more JBOD devices, DM DVRs automatically detect the available capacities seeing them as one large storage space, so playback, search and archiving facilities function as normal. JBOD units currently have a maximum hard disk capacity of 1TB.

Applicable products:
D4, New DS2, BX2, DVIP Server.

RAID

RAID units function in much the same way as the JBOD units, but have built-in redundancy to ensure video footage remains in tact even in the unlikely event of disk failure. Disks and power supplies may also be hot-swapped without affecting recording. RAID units are available with hard disk capacities of 1.2TB and 2.4TB.

Applicable products:
D4, New DS2, BX2, DVIP Server.

ADDITIONAL ACCESSORIES ARE ALSO AVAILABLE PLEASE SEE THE WEBSITE, WWW.DEDICATEDMICROSUS.COM

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- Banking
- Retail
- Systems integration
- Accessories

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