



www.dedicatedmicrosus.com

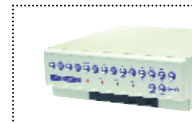
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DVMR

DIGITAL VIDEO MULTIPLEX RECORDERS



R E D E F I N E T H E B O U N D A R I E S O F C C T V

M DEDICATED MICROS

WELCOME

At Dedicated Micros we know that the Digital Video Multiplex Recorder is the one part of the CCTV system in which you must have absolute faith. The trust you place in its integrity and quality is critical; which is why we take our DVMR business so seriously - we know that as our customers you cannot afford to take risks.

We have built our reputation on the high quality and reliability of our products and support. As a supplier to the security industry for over 20 years, we've spent millions of hours developing and fine-tuning our video management 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
- ⦿ Gaming
- ⦿ Systems integration
- ⦿ Accessories

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

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



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, our customers link into real business benefits offering guaranteed compatibility, reducing installation and servicing time while retaining the Dedicated Micros ease of use philosophy.

Images distributed from any NetVu Connected, DV-IP Server, or DVR can be viewed on any NetVu Connected display device such as the DV-IP Decoder or NetVu ObserVer viewing software.

A full-page background image showing two hikers with large backpacks walking along a rocky mountain ridge. The hiker on the left is in the foreground, wearing a green jacket and dark pants, and is looking down at the ground. The hiker on the right is further back, wearing a blue jacket and dark pants, and is looking towards the camera. The background shows a vast, mountainous landscape under a clear blue sky.

NETVU CONNECTED LINKS THE WORLD'S
MOST SUCCESSFUL SECURITY BUSINESSES,
ACROSS A DIVERSE RANGE OF APPLICATIONS,
IN THE **AIR**, ON THE **GROUND** OR ON THE **MOVE**

FEATURES ACROSS THE DM DVMR RANGE

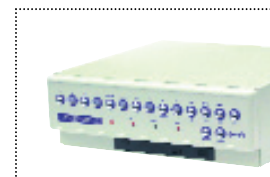


HARD DISK RECORDING:

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 eliminated. The operator never needs to worry about rewinding, 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 both time and money. DM's DVMR range literally provides a "fit and forget" solution



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, and of course it's all backed up with 24 hour technical support.

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.

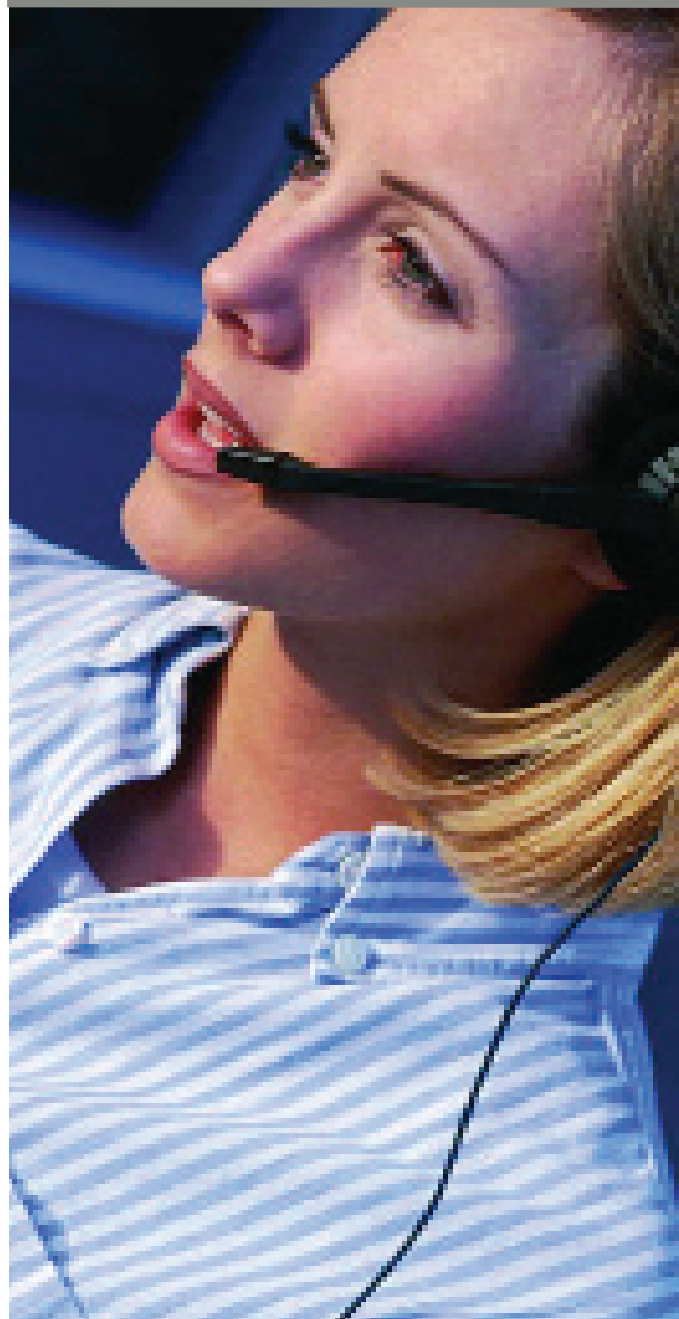


REMOTE VIEWING

Perhaps you want to view premises out of hours or simply want to keep an eye on what's going on. All Dedicated Micros DVMRs offer remote viewing as standard either via Ethernet or on some products via a dial-up modem connection too. We provide a free user-friendly network viewer as standard.

PLUG AND PLAY INSTALLATION

There's only one box to install so it's a quick and easy installation. Just plug in the cameras and any external devices such as additional external storage, power-up and the unit automatically starts recording.



- Internal CD-R option
- Compact, space saving design
- Up to two months recording in one box*
- Built-in video motion detection
- 4 or 9 camera inputs and covert camera option
- 30PPS (NTSC) record rate
- Live quad display and picture in picture viewing
- Remote viewing via ethernet or dial-up connection

eco4

eco9

SO WHY CHOOSE ECO4 OR ECO9 FOR YOUR INSTALLATION?

LOW COST DIGITAL CCTV FOR THE SMALL BUSINESS

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



UP TO TWO MONTH'S RECORDINGS IN ONE BOX

The Eco4 provides continuous high quality digital recording for up to one month and the Eco9 provides up to two months recording at standard record settings.*

All recordings have built-in tamper proof mechanisms, so it is impossible to tamper with either individual images or sequences of images without detection. Playback of images from the CD is via a standard CD-ROM drive. These industry standard images can be reviewed by anyone, such as law enforcement agencies on a standard CD-ROM drive. The CD playback software will simply "auto-run" and does not require the installation of software on the users PC.

VISIBLE DETERRENT

We believe that prevention is better than apprehension! Eco4 and Eco9's professional live monitor display acts as an excellent deterrent to would be

shoplifters and intruders, as well as helping to reassure your customers and staff of a safe, secure environment.

HIDDEN CAMERAS

For covert operations such as investigating stock shrinkage and cash-shrinkage such as staff under-ringing, and making voids. Eco4 and Eco9 have a covert or hidden camera option to put a stop to any suspected staff theft.

REMOTE VIEWING

The Eco4 and Eco9 have two main options for remote viewing via a dial up modem or using a standard ethernet or broadband connection. Dial-up is for use in applications

where there is no PC network available, it enables you to view images on the unit at any time with the use of a standard modem and telephone line.**

In networked applications Eco4 and 9 use a standard ethernet connection to provide remote monitoring capabilities either on a LAN, WAN or the Internet.

Images are viewed remotely using Dedicated Micros FREE network viewer software, or via a standard Internet explorer. Mac and Linux users can access the unit via web pages using Netscape 4.78 browsers.

** PLEASE CONTACT YOUR CUSTOMER SERVICE FOR DETAILS OF COMPATIBLE MODEMS

* FACTORY DEFAULT SETTINGS OF 3pps @ 18kb FILE SIZE

D4

- Simultaneous MPEG-4 transmission and JPEG recording
- Internal DVD-R is standard
- Variable record rates per camera up to 120PPS
- NetVu Connected
- Instant access to 2 months of high quality recordings
- Up to 16 units may be controlled via remote keyboard
- Full telemetry control
- VMD and video motion search
- Remote viewing via ethernet or dial-up connection

NEW
**DIGITAL
sprite₂**

SO WHY CHOOSE THE **NEW DIGITAL SPRITE₂** FOR YOUR INSTALLATION?

TRUE FLEXIBILITY TO ANY CCTV SECURITY SOLUTION

The New Digital Sprite 2 is an intuitive interface that allows easy local user operation while IP connectivity provides remote monitoring and system configuration via Dedicated Micros' "NetVu Connected" software.



NETWORK CAPABILITIES

A standard Ethernet connection allows live and recorded viewing on a networked PC using DM's NetVu ObserVer software or via web pages using a standard Internet browser. Network viewing is independent and does not affect the recording or local operation. The New Digital Sprite 2 includes a network bandwidth limitation option, which allows the bandwidth used by the New Digital Sprite 2 to be capped. For low bandwidth remote network links, viewing applications can request that video is sent in MPEG-4 format, while local network viewers can simultaneously view using high quality JPEG images.

NETVU CONNECTED

The New DS2 now has NetVu technology built-in to ensure maximum compatibility with future developments in networked security. NetVu technology enables the new DS2 to fully interoperate with other NetVu compatible products from DM including the DV-IP Decoder, Multi-site PC Viewers and PDA Viewers.

BUILT-IN DVD-R

A built in DVD-R writer provides a quick and easy way of copying key events to DVD or CD on-site while FTP archiving allows evidence transfer over the network, automatically or on demand. Digital watermarking identifies and eliminates any tampering with recorded images.

SO WHY CHOOSE **BX2** FOR YOUR INSTALLATION?

THE DEFINITIVE 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 600GB of storage from its 1.2TB 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.



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-R**
- **Maximum record rate of 120pps (NTSC)**
- **Ethernet remote viewing**
- **Audio recording**



 **CONTINUOUS ARCHIVE**

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 include features such as advanced record schedule, built-in CD-R and video motion search facility in a choice of 640GB or a massive 1.2TB storage options.

VIEWING ARCHIVED VIDEO

Dedicated Micros now provides drives and bays for full factory support including a USB Viewer that attaches to your PC. Now your archived video can be viewed at anytime using your PC and the free DM player software allowing for an unlimited storage solution!

Removable caddies



USB Viewer



- Records and associates POS data with video - simplifying fraud detection
- Powerful data search & date/time facilities
- Crystal clear digital image quality
- No tapes to change and manage
- Easy to install and use
- Up to 4 months hard disk recording
- Up to 10 keywords per camera
- Advanced text search with Pre and Post text alarm capabilities

SO WHY CHOOSE RETAIL SOLUTIONS FOR YOUR INSTALLATION?

The **Retail Solutions** range of Digital Video Multiplex Recorders (DVMRs) from Dedicated Micros can make a real difference to your bottom line by detecting and deterring theft on both sides of the counter. From convenience stores to nation-wide supermarket chains, Dedicated Micros has an RS unit to suit your retail application and budget.

POS MONITORING

Due to the nature of retail business, most incidences of theft are internal. Every day retailers' profit margins suffer from various forms of stock and cash shrinkage. By capturing details of cash register transactions and associating them with the relevant CCTV footage, the RS range lets you track activity at every one of your cash registers, virtually eliminating sweet-hearting, no-sales, under-rings, and other forms of register theft that are often difficult to catch.

REMOTE VIEWING

Perhaps you want to view your premises while the store is closed, or as an area manager with responsibility for a number of outlets you'd simply like to keep an eye on daily operations. RS products not only

afford you comprehensive security, but also provide you with a management tool that allows you to pinpoint areas where improvements need to be made in service and in quality to increase productivity and lower costs. You can even remotely take control of a dome camera to focus in on areas of interest. Up to five email addresses can be alerted on alarm, activity and/or keyword events. An alarm image, together with the associated transaction data is sent with a connection to the network viewer application for automatic playback of the event.

EVIDENTIAL QUALITY

All information recorded, including the audio, images and transaction data, are stored digitally on the RS unit's hard disk. Each element is digitally signed with the date, time and ID of the unit it was recorded on. Digitally signed images can be copied to an optional internal or external CD-R. Each CD created includes

playback software that will simply auto-run on your PC, so there's no need to worry about investing in any additional playback equipment.

UNRIVALLED RANGE OF REGISTER & EPOS TERMINAL SUPPORT

RS systems are compatible with over 300 cash registers and EPOS terminals from the most popular manufacturers, with new interface units being added all the time. So whether you are undertaking a new point of sale installation, or you are looking to upgrade your current system, Dedicated Micros will have the Retail Solution to meet your needs. Please visit www.dedicatedmicrosus.com or contact Customer Service for the latest list of all supported models.

FOR FURTHER INFORMATION ON HOW RETAIL SOLUTIONS COULD POSITIVELY IMPACT YOUR BOTTOM LINE PLEASE CONTACT CUSTOMER SERVICE AT 800-864-7539.



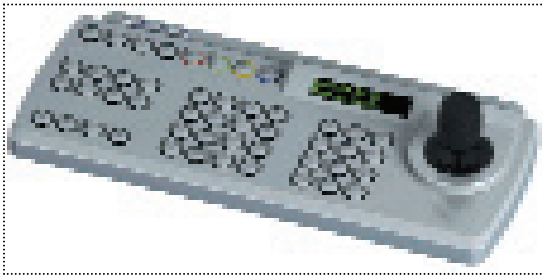
VALUE ADDED ACCESSORIES AND SOLUTIONS...

ACCESSORIES



REMOTE CONTROL

The IR control provides the operator with front panel remote management of the unit with no need for additional wires or cabling. Functions include the ability to change cameras or camera views, the option to playback images from the hard disk and search using the GOTO function.



TELEMETRY CONTROL

All D4, DS2 Line, and BX2 products feature telemetry control of pan-tilt-zoom and dome cameras as standard. This means the camera view can be controlled remotely either from the multiplexer or via the optional remote keyboard, allowing the viewers to "follow the action" or pre-set cameras to patrol a given area of their premises. The add-on remote keyboard provides an integrated multi-directional joystick that may also be used to deliver swift seamless control of domes.

JBOD



RAID



STORAGE SOLUTIONS

Dedicated Micros has a range of storage solutions with the capacity to meet today's most demanding requirements for extended high quality recording. These DM products are the only storage expansion units guaranteed to work with our DVMR range.

JBOD

JBOD is a high capacity external hard disk option that simply provides additional storage capabilities for most DVMRs in the Dedicated Micros range. When you connect one or more JBOD devices, DM DVMRs 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 hard disk capacity of 1TB.

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.