

# RS | Retail Solutions

## High performance digital multiplex recorders for retail applications

Dedicated Micros has introduced a new range of CCTV components designed specifically for retail environments. Termed Retail Solutions (*RS*), these products are set to save storeowners tens of thousands of dollars a year in lost stock by providing evidential quality, digitally signed images irrefutably associated with point of sale (POS) transaction data.

The *RS* digital video multiplex recorders (DVMRs) are based on Dedicated Micros' award-winning products including:

- D4
- Digital Sprite 2
- BX2

However, the specifications of the *RS* versions have been enhanced to make them especially suitable for retail oriented applications, particularly in relation to integration with point-of-sale (POS) systems.

To compliment these DVMRs, the *RS* range also includes 300 cash register and EPOS terminal interfaces, ensuring compatibility with a wide variety of POS equipment. These devices allow a particular type of register or POS terminal to communicate with the *RS* DVMR, converting the machine-specific, proprietary POS protocol to a standard format that the DVMR can understand.

To provide compatibility with the latest POS equipment, new interfaces are being developed all the time. Please visit the website [www.dedicatedmicrosus.com](http://www.dedicatedmicrosus.com) or contact Customer Service at 800-864-7539 for a current list.

## benefits

- **CAPTURE, RECORD AND ASSOCIATE POS TRANSACTION DATA WITH THE RELEVANT CCTV FOOTAGE**
- **TRIGGER REAL-TIME ALARMS ON SUSPECT TRANSACTIONS USING KEYWORDS**
- **SEARCH TRANSACTION DATA FOR SPECIFIC GOODS PURCHASED, TRANSACTION NUMBERS, CREDIT CARD REFERENCES, ETC. AND JUMP STRAIGHT TO THE APPROPRIATE VIDEO SEQUENCE**
- **SET POSITION AND COLOR OF TRANSACTION TEXT TO SUIT BACKGROUND SCENE**
- **TURN TEXT DISPLAY ON/OFF TO EXAMINE VIDEO LIVE AND RECORDED IMAGES IN DETAIL (TRANSACTION DATA IS ALWAYS RECORDED EVEN IF TEXT DISPLAY IS TURNED OFF)**
- **RECORD AND PLAYBACK AUDIO TO HIGHLIGHT ABUSIVE CUSTOMERS**
- **DIGITAL SIGNATURE APPLIED TO ALL RECORDINGS, INCLUDING AUDIO AND THE TRANSACTION DATA**
- **COVERT CAMERA SUPPORT HELPS DETER AND DETECT INTERNAL THEFT**
- **SEAMLESS INTEGRATION WITH POS EQUIPMENT FROM THE LEADING MANUFACTURERS**
- **MONITOR ALL CAMERAS AND ASSOCIATED TRANSACTION DATA REMOTELY USING PC VIEWING APPLICATION (INCLUDED)**
- **QUICK AND EASY COPY TO CD-WRITERS (INCLUDED ON THE BX2)**



# data sheet

| Product Selector               | D4                    | DS2                   | DS2 plus                | BX2                     |
|--------------------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| Number of Cameras              | 4                     | 6, 9 or 16            | 6, 9 or 16              | 16                      |
| Maximum record rate (pps)      | 60 (NTSC)<br>50 (PAL) | 60 (NTSC)<br>(50 PAL) | 120 (NTSC)<br>100 (PAL) | 120 (NTSC)<br>100 (PAL) |
| Maximum Storage Configurations | 320 GB                | 500 GB                | 600 GB                  | 1,200 GB                |
| Number of Alarms/Relays        | 5/4                   | 18/6                  | 18/6                    | 21/20                   |

## Specification

### All RS DVMRs incorporate the following:

- Transaction data capture facility
- Keyword triggering
- Transaction data search facility
- Support for cash register and POS terminal interface units
- Main and spot monitor outputs
- IR remote control
- Remote keyboard control
- Archive to external media
- Integrated telemetry control over RS485
- Real-time video motion detection
- Retrospective video motion search
- On-board alarms and relays
- Alarm reporting by email
- Alarm log
- Live viewing and playback across networks
- Telemetry control over the network
- Remote configuration capability
- Automatic camera detection on power up
- Automatic recording after a power cut
- Scheduling
- Hidden camera support
- Digitally signed recordings
- Support for DM RAID/JBOD external storage units
- Audio recording and playback

### Digital Sprite 2

- The ability to network DVMRs using the RS485 bus
- Telemetry control over coax
- An increased number of on-board alarms and relays
- RS485 bus expansion of alarms and relays
- Individually configurable alarms
- Support for telemetry pre-set positions on alarm
- Prioritized record rate per camera

### Digital Sprite 2 Plus

- A maximum recording rate of up to 120PPS(NTSC) and 100PPS(PAL)
- A top-end drive configuration of 600GB

### BX2

- A top-end drive configuration of 1,200GB
- An integrated CD-R drive
- A further increased number of on-board alarms and relays

The above represents a summary of the features of each of the RS DVMRs. Users are referred to the individual D4, Digital Sprite 2, DS2 Plus and BX2 datasheets for more detailed explanations of the core features.

range

|           |                                        |
|-----------|----------------------------------------|
| D4A 4RS   | 4 camera 60pps RS DVMR based on D4A    |
| DS2A 6RS  | 6 camera 60pps RS DVMR based on DS2A   |
| DS2A 9RS  | 9 camera 60pps RS DVMR based on DS2A   |
| DS2A 16RS | 16 camera 60pps RS DVMR based on DS2A  |
| DS2P 6RS  | 6 camera 120pps RS DVMR based on DS2P  |
| DS2P 9RS  | 9 camera 120pps RS DVMR based on DS2P  |
| DS2P 16RS | 16 camera 120pps RS DVMR based on DS2P |
| BX2P 16RS | 16 camera 120pps RS DVMR based on BX2P |

A choice of hard disk options are available. For latest configurations, please contact Customer Service at 800-864-7539 or check the website at [www.dedicatedmicrosus.com](http://www.dedicatedmicrosus.com)

FOR FURTHER INFORMATION PLEASE CONTACT



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REF:VI DM03/04