

DVMS Duplex

Digital Video Management System



When our robust, full-featured Duplex digital recorder is the heart of your security system, expect mission critical reliability, secure, high resolution, large capacity video and audio storage, scalability for upgrading storage capacity on an as-required basis and flexible access options — remotely and locally.

The DVMS Duplex is a complete, integrated digital video management system, combining a digital recorder, multiplexer, text inserter, video motion detector and remote video transmission system. With features like simultaneous time-lapse and event recording, jog shuttle, and front panel controls, the DVMS Duplex is as easy to operate as a VCR, yet provides secure, high resolution video and audio, with a quality that far exceeds analog VCRs. The high resolution video and audio stores on internal hard drives for safe-keeping, on up to 1 terabyte of storage space. Internal and external storage options, such as CD-RW and RAID storage towers are also available to increase system storage capacity. True duplex operation allows for reviewing live or recorded video without stopping recording.

Purpose-built architecture uses a QNX operating system to provide a reliable, integrated digital video management solution and long-term unattended operation. And in case of power loss, the fault-tolerant design provides quick, reliable recovery.

Respond quickly to critical events. Verify events and take appropriate action with the instant video playback feature and the simultaneous multi-screen viewing and spot monitor video output. With camera homing upon alarm condition, the monitor output will automatically switch to the camera in question where the alarm was triggered. Automated system reports make locating desired motion, text, and external events easier and quicker.

Flexible access options allow for local access through the front panel controls or remotely using Remote Access Software (RAS). Three simultaneous RAS users have access to the DVMS Duplex to view live or recorded video from remote locations, Pan, Tilt, Zoom (PTZ) Dome control for Pelco® D, Kalatel® Cyberdome and VCL protocols, and to change system configuration or update DVMS firmware without a site visit or interrupting system settings. Supporting live audio and audio playback after event download and either a dial-up or network connection, RAS can be installed on a Windows®* based PC in just minutes. An automatic site polling mechanism verifies site operational status.

*Windows 98 second edition, Windows NT Service Pack 6 or higher, Windows 2000 Service Pack 2 or higher, Windows XP Professional

FEATURES

- 8 and 16 channel models
- Supports up to 1.6 TB
- DVMS 1600Duplex record speed of up to 60 ips (NTSC); 50 ips (PAL)
- DVMS 800Duplex record speed of up to 30 ips (NTSC); 25 ips (PAL)
- Remote management via LAN/WAN, DSL or PSTN using Remote Access Software (RAS)
- QNX real-time operating system for reliable 24/7 operation
- Event reporting and multi-zone motion detection
- Point of Sale/ATM text monitoring
- Email Alert; automatic alarm notification over TCP/IP networks
- Covert operation to hide display of selected cameras
- Verify original picture integrity with image authentication process

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SPECIFICATIONS

Video

- Signal Format: NTSC or PAL
- Video Inputs:
 - Composite:
 - 16 BNC connectors, 8 looping inputs, 8 looping outputs (HRDVMS800)
 - 32 BNC connectors, 16 looping inputs
 - 16 looping outputs (HRDVMS1600)
 - 1 Vp-p, selectable 75 W or Hi-Z termination
- Monitor Outputs:
 - Main: 1 output BNC, 1 Vp-p, 75 ohms, multi-screen capable
 - S-Video: 1 output Y/C, 1 Vp-p luma, 0.286 Vp-p chroma, 4 pin mini-DIN connector
 - Spot: 1 output BNC, 1 Vp-p, 75 ohms, switched video
- Video Resolution: 720 x 486 (NTSC), 720 x 576 (PAL)
- Record Speed: 1/10 to 30 ips (NTSC), 1/10 to 25 ips (PAL) (HRDVMS800); 1/10 to 60 ips (NTSC), 1/10 to 50 ips (PAL) (HRDVMS1600)
- Compression: Wavelet

Storage

- Primary Storage: Internal Hard Drives (up to 4) provides up to 1.6 terabytes
- Secondary Storage:
 - Internal: Hard Drive Fixed or Removable, CD-RW
 - External: SCSI; RAID Storage Towers, CD-RW

Audio

- Input: 1 line input, RCA
- Output: 1 line output, RCA

Alarm

- Alarm Inputs: 8 inputs/NO/NC contact (HRDVMS800); 16 inputs/NO/NC contact (HRDVMS1600)
- Output: 4 outputs, contact closure, 5 V, 100 mA

Text Insertion

- 4 inputs, RS-232, Async on DB25

Network Connectivity

- 10/100 BaseT Ethernet LAN Card or V.90/92 Modem Card
- RS-485: 1 RS-485, PTZ control
- RS-232: 1 standard RS-232 connection for external modem

Ports

- External SCSI: Standard 68-pin SCSI II connector
- PCMCIA Slot: Supports Type II PCMCIA cards

Physical

- Dimensions (W x H x D):
 - 17 x 4.8 x 17.25 in. (43.18 x 12.19 x 43.82 cm)
- Weight: 17 lbs (7.71 kg)
- Operating Temperature: 40°F to 100°F (4°C to 37°C)
- Power: 115 VAC, 50/60 Hz, 230 VAC 50/60 Hz

Language Support

- English, French, Italian, Spanish, Dutch, Portuguese

Approvals

- FCC, CE, UL

Warranty

- 2 years DVMS, 1 year Hard Drive

ORDERING

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Honeywell Video Systems

171 Eileen Way
Syosset, NY 11791
800 796 CCTV
www.honeywell.com

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