

DVMS Duplex

Digital Video Management System

The DVMS Duplex series...8 and 16 channel models.
Support up to 1 terabyte internal storage!

Our premium DVMS line.

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
- Flexible access options - remote, local
- Reduced shrinkage from customer and employee theft
- Better workplace safety for your customers and employees

Mission critical reliability

- Purpose-built architecture using QNX operating system provides most reliable, integrated digital video management solution
- Enjoy long-term unattended operation
- Fault-tolerant design provides quick, reliable recovery from power loss

Complete, integrated digital video management system

- Digital recorder and digital multiplexer designed to replace both a VCR and multiplexer
- Event reporting and multi-zone video motion detection
- Point of Sale/ATM text monitoring
- Covert operation to hide display of selected cameras
- Remote video monitoring and image management via our Remote Access Software (RAS)

Secure, high resolution video and audio storage

- DVMS 1600Duplex recording speed of up to 60 images per second (NTSC); 50 images per second (PAL)
- DVMS 800Duplex recording speed of up to 30 images per second (NTSC); 25 images per second (PAL)
- Clear, crisp image resolution - quality exceeds analog VCRs
- High resolution video and audio stores on internal hard drive for safekeeping
- Image authentication process to verify image integrity allows DVMS clips to be transportable
- Four drive internal capability provides high storage capacity up to 1 TB
- Internal and external storage options available to increase system storage capacity

Flexible access options

- True local duplex operation for reviewing live or recorded video without stopping recording
- Up to 3 simultaneous remote (RAS) users
- Local access via monitor and front panel controls
- Remote management using RAS over LAN/WAN, DSL or PSTN
- Upgrade firmware locally or remotely without interrupting system settings



Respond quickly to critical events

- Email Alert; automatic alarm notification over TCP/IP networks
- Simultaneous multi-screen viewing and spot monitor video output
- Verify events and take appropriate action with instant video playback feature
- Automated system reports quickly locate the desired motion, text, and external events
- High speed video clip transfer and fast live image refresh
- Camera homing upon alarm condition

Remote Access Software (RAS)*

- View live or recorded video from remote locations
- Pan, Tilt, Zoom (PTZ) Dome control — see website for supported protocols
- Change system configuration or update DVMS firmware without a site visit
- Supports live audio and audio playback after event download
- Supports dial-up or network connection
- Can be installed on a Windows® based PC in just minutes

Save time now and when you upgrade

- Eliminate laborious tape management tasks by going digital
- Minimize on-site service calls with Remote Access Software (RAS)
- Modular components allow you to upgrade storage and software on an as-required basis

Applications

- Bank branch
- Toll road
- Medium to large retail application
- Warehouse, manufacturing

Options

- MPT400 - ATM synchronous serial interface
- MPT400N - ATM TCP/IP network interface

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

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SPECIFICATIONS

DVMS 800Duplex

DVMS 1600Duplex

Video	NTSC or PAL	
Signal Format:		
Video Input(s):	8 looping inputs	16 looping inputs
Composite	1 V p-p, selectable 75 ohms or Hi-Z termination	
Monitor Outputs:	1 Output, 1 V p-p, 75 ohms, BNC, multi-screen capable	
Main	1 Output, 1 V p-p, 75 ohms, BNC, switched video	
Spot	1 Output, 1 V p-p, 75 ohms (Y)	
S-Video	0.286V p-p, 75 ohms (C)	
Video Resolution:	720 x 486 (NTSC), 720 x 576 (PAL)	
Record Speed:	1 field/10 sec to 30 fields/sec (NTSC)	1 field/10 sec to 60 fields/sec (NTSC)
	1 field/10 sec to 25 fields/sec (PAL)	1 field/10 sec to 50 fields/sec (PAL)
Video Compression	Wavelet	
Storage Options	Internal IDE Hard Drives (up to 4) provides up to 1 terabyte	
Primary Storage:	IDE Hard Drive Fixed or Removable	
Secondary Storage:	SCSI, CD-RW	
Internal	SCSI, RAID Storage Towers	
External		
Inputs/Outputs		
Alarms:	8 Alarm inputs/NO/NC contact	16 Alarm inputs/NO/NC contact
Inputs	4 Alarm output/contact closure, 5V, 100 mA	
Outputs	4 input/RS-232/Async on DB25	
Text Insertion:		
Network Connectivity:	10/100 BaseT Ethernet LAN Card or V.90/92 Modem Card	
PCMCIA	RS-232 Standard RS-232 connection for external modem	
Audio:	1 line input/1 line output	
Connectors		
Video Input(s):	16 BNC connectors	32 BNC connectors
Composite	8 inputs, 8 looping outputs	16 inputs, 16 looping outputs
Monitor Outputs:	2 BNC connectors	
Composite	1 Y/C video connector	
S-Video	1 RCA jack in, 1 RCA jack out line level	
Audio In/Out:	DB25 connector	
Communications:	4 RS-232	
Text Insertion:	1 RS-485	
RS-485 Control:	1 RS-232	
External Modem:	Standard 68-pin SCSI II connector	
External SCSI:	Supports Type II PCMCIA Cards	
PCMCIA Slot:	1 15V AC 50/60 Hz	
Power:	230V AC 50/60 Hz	
Physical	17 in. x 17.25 in. x 4.8 in.	
Dimensions: (W x D x H)	(43.18 cm x 43.82 cm x 12.19 cm)	
Weight:	17 lbs (7.71 kg)	
Operating Temperature:	+40°F to +100°F (+4°C to +37°C)	
Multiple Language Support	English, French, Italian, Spanish, Dutch	
Optional Equipment	MPT400, MPT400N Protocol translators	
Warranty	2 years DVMS, 1 year Hard Drive	
Approvals	UL, FCC, CE	