

HMR Series High Performance Digital Video Recorder - Mpeg4

4/ 8/ 16 Channel Digital Video Recorder



Live Monitoring

Simultaneously monitor upto 64 cameras from multiple DVRs, in any combination. Control PTZ Speed Dome Cameras from remote site



HMR-04 Back Panel



HMR-08 Back Panel



HMR-16 Back Panel



System Configuration

Full configuration is possible from remote client software

Key Features

- OS: Embedded Linux
- NTSC or PAL video format are supported
- Internal storage up to 1.5TB
- M-PEG4 compression
- Average file size: 2.5~8 KB
- Multiplex function - simultaneous record, playback, network, backup
- Multiple video outputs: Composite, S-Video, Spot, VGA
- Hidden/ Covert camera feature
- Built in back up device: DVD-RW
- External back-up device support (USB 2.0) memory stick, external HDD
- Power failure recovery
- RS-422/485 for PTZ speed dome and keypad controller
- Keypad controller with joystick (optional) - Control multiple DVRs and PTZ
- Support various PTZ protocols
- Time sync. between multiple DVRs
- Up to 16 channel audio over network
- Software upgrade via USB memory stick
- IR Remote Controller - Control upto 99 DVRs
- Text Insert feature



Remote Search

From remote location, search and playback recorded images. In addition, backup images into remote PC



Status Report

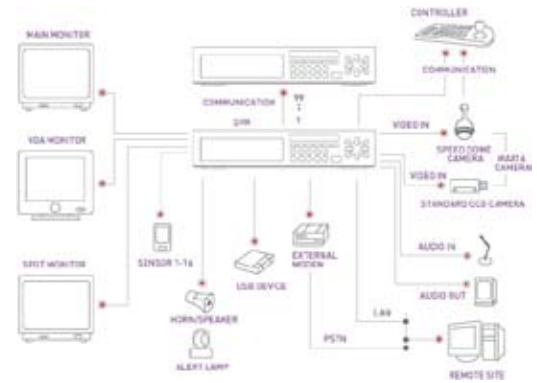
Connect upto 300 DVRs simultaneously and receive each DVRs status report in real time. DVR ID, HDD Fail, Alarm, Motion, Video Loss, Power Loss, Recording Off

HMR Series High Performance Digital Video Recorder - Mpeg4

4/ 8/ 16 Channel Digital Video Recorder

Excellent Network Features

- Multi-site/ Enterprise level client software
- Remote access & management from client PC
- Static and Dynamic IP supported
- Proprietary Dynamic DNS service for Plug-n-Play remote connection
- Automatic e-mail notification for Alarm, video loss, power loss, HDD failure



SPECIFICATIONS

MODEL NO.	HMR-04	HMR-08	HMR-16
Operating System	Embedded Linux		
Video Input (BNC, 1Vp-p)	4	8	16
Video Output (BNC, 1Vp-p)	Main Monitor, S-Video, Spot Out, VGA		
Loop Out (BNC, 1Vp-p)	4 with termination	8 with termination	16 with termination
Video Format	NTSC or PAL		
Live Display	1, 4, PIP	1, 4, 6, 8	1, 4, 6, 8, 9, 13, 16
Playback Displays	1, 4	1, 4, 6, 8	1, 4, 6, 8, 9, 13, 16
Video Compression Method	MPEG-4		
Multiplex Function	Simultaneous Live Display, Playback, Record, Back-up, Remote Transmission		
Live Display Resolution	720 x 480 (NTSC), 720 X 576 (PAL)		
Average File Size	2.5~8 KB		
Live Display Rate	120pps (NTSC), 100pps (PAL)	240pps (NTSC), 200pps (PAL)	480pps (NTSC), 400pps (PAL)
Recording Rate & Resolution	NTSC: 120pps @ 360 X 240, 60pps @ 720 X 240, 30pps @ 720 x 480 , PAL: 100pps @ 360 X 288, 60pps @ 720 X 288, 25pps @ 720 x 576		
Alarm and Relay	4 Alarm Input, 1 Relay Output	8 Alarm Input, 2 Relay Output	16 Alarm Input, 2 Relay Output
System Control	Key Buttons, IR Remote Controller, Remote Client PC		
PTZ Control	PTZ Control via RS-485/ RS-422 (support preset, recall, and tour)		
Audio	4 channel input, 1 channel output	8 channel input, 1 channel output	8 channel input, 1 channel output
Display Settings	Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel		
Camera Title	8 Characters Per Channel		
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite		
Recording Adjustments	8 Levels of Resolution with Recording Frame Rate Adjustment		
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 140pps, Post-Alarm: 20 sec. ~ 240 sec.		
Motion Detection Per Channel	16 Selectable Grids with 15 Sensitivity Levels		
Search Modes	Time/ Date, Camera, Alarm, Motion		
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X		
Alarm Notification	Automatic E-mail Notify Alarm Triggered, Video Loss, Power Loss, HDD Failure		
Intelligent File System	Power failure recovery: Auto reboot with data-loss protection against power failure		
System Utility	2 Level Password Protection, Auto Lock/ Disk Format/ Disk Check/ Fan Lock Detection		
Internal Backup Device	DVDRW		
External Backup Device	USB2.0 Memory Stick & External HDD		
Communication Port	USB2.0, RS-232C, RS-422/ 485, Ethernet		
Storage Capacity	3 Internal HDD Bay Up to 1.5TB		
Network	LAN, WAN, Internet, PSTN Line, TCP/IP, DHCP (DDNS Server), HTTP		
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure everytime IP address changes		
External Telephone Modem Support	RS-232C		
Remote Client Software	Central Monitoring Software, IE 6.0 and above		
IR Remote Controller	Control Up to 99 DVRs		
Power	100 ~ 230 VAC (50/60Hz)		
Dimensions	360 (W) x 340 (D) x 100 (H)		
Weight	6 Kg		
Operating Temperature	0°C ~ 40°C		