

HSR-M Series H.264 Series Digital Video Recorders

16/ 8/ 4 Channel Digital Video Recorder



HSR-16M



HSR-08M



HSR-04M



Smartphone Ready!
Support for iPhone,
Android OS, Windows
Mobile and Blackberry

Key Features

- 16/ 8/ 4 channel Stand-alone DVR with H.264 codec
- 60fps recording @ D1 resolution
- Auto Port Forwarding using UPnP (Universal Plug N Play)
- Pano Search Mode (Playback 1 Channel, 8 windows, 3 hrs apart every window 0~24 hrs)
- Instant Playback (10~30seconds, custom)
- 3 internal HDDs for 8 & 16 channel, 2 internal HDDs for 4 channel.
- Support for Apple Safari Browser, FireFox, Google Chrome and Internet Explorer
- Built-in multiplexer for live monitoring and playback
- Built-in DVD Writer and USB for data backup
- PTZ control (supports preset) via RS485
- Support static and dynamic IP for xDSL, Cable-modem user
- Support IR remote controller
- Provide remote monitoring software (Remote Agent Software)
- Support NTP (Network Time Protocol) for time synchronization
- Support USB utility (Firmware & configuration value uploading)
- Date/Time, Log, Text, Smart search available from Remote Agent Software
- Support IPFR (Intelligent Power Failure Recovery)

Web Viewer



Remote Agent



Event Search



Remote Playback



Configuration Tool

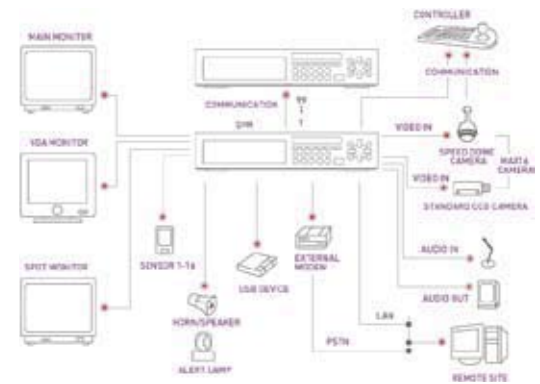
- Adjustable resolution and frame rate per hour
- Various screen division (1/4/9/16/)
- Autodetect Java or ActiveX
- Support DirectX Display (Full screen Display is possible)
- Smart search
- Support for Apple Safari, FireFox, Google Chrome and Internet Explorer
- Image Export (Saving the recorded image in bitmap or jpg)
- 2-Way Audio
- On Screen PTZ Control
- Event history Log & Status Panel
- Event Log Search Utility (Searching for relevant image)
- Support for Smartphone Viewing (iPhone, Android, Blackberry)

HSR Series High Performance Digital Video Recorder - H.264

16/ 8/ 4 Channel Digital Video Recorder

Excellent Network Features

- 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
- Auto Port Forwarding via UPnP (Universal Plug N Play)
- Autodetect Java or ActiveX for Safari, FireFox, & Internet Explorer



SPECIFICATIONS			
MODEL NO.	HSR-16M	HSR-08M	HSR-04M
Operating System	Embedded Linux		
Video Input (BNC, 1Vp-p)	16	8	4
Video Output (BNC, 1Vp-p)	1 Main, 4 Spot Out, S-Video, DVI	1 Main, 2 Spot Out, S-Video, DVI	1 Main, 1 Spot Out, DVI
Loop Out (BNC, 1Vp-p)	16 with termination	8 with termination	4 with termination
Video Format	NTSC or PAL		
Live Display	1, 4, 6, 9, 13, 16	1, 4, 6, 8	1, 4
Playback Displays	1, 4, 16	1, 4, 8	1, 4
Video Compression Method	H.264		
Multiplex Function	Simultaneous Live Display, Playback, Record, Back-up, Remote Transmission		
Live Display Resolution	704 x 480 (NTSC), 704 X 576 (PAL)		
Average File Size	2.5~8 KB		
Live Display Rate	480fps (NTSC), 400fps (PAL)	240pps (NTSC), 200pps (PAL)	120pps (NTSC), 100pps (PAL)
Recording Rate & Resolution	NTSC: 240pps @ 352 X 240, 120pps @ 704 X 240, 60pps @ 704 x 480 PAL: 200pps @ 352 X 288, 120pps @ 704 X 288, 50pps @ 704 x 576		
Alarm and Relay	16 Alarm Input, 16 Alarm Output	8 Alarm Input, 8 Alarm Output	4 Alarm Input, 1 Relay Output
System Control	Key Buttons, IR Remote Controller, Remote Client PC		
PTZ Control	PTZ Control via RS-485		
Audio	4 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: 5 sec., Post-Alarm: 20 sec. ~ 180 sec.		
Motion Detection Per Channel	16 Selectable Grids / Adjustable	16 Selectable Grids / Adjustable	12 Selectable Grids / Adjustable
Search Modes	Time/ Date, Camera, Alarm, Motion		
Playback Modes	Forward & Reverse: Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X, 32X, 64X		
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	DVD-RW		
External Backup Device	USB2.0 Memory Stick & External HDD		
Communication Port	USB2.0, RS-232C, RS-485		
Storage Capacity	3 Internal HDD Bay Up to 6TB		2 Internal HDD Bay up to 4TB
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		
Remote Client Software	CMS Pro, Safari (Apple), FireFox, Google Chrome, Internet Explorer		
IR Remote Controller	Control Up to 99 DVRs		
Power	100 ~ 230 VAC (50/60Hz)		
Dimensions	17in (W) x 16.25in (D) x 3.5in (H)		14.25in (W) x 15.75in (D) x 2.75in (H)
Weight	15.4 lbs		8.2 lbs
Operating Temperature	32°F~104°F		

Specifications are Subject to Change without notice.