

MD2104

21 series, 4 Channel DVR



FEATURES:

- 960H State-of-art technology, it offers >400% high resolution compared to CIF
- Full D1 display, recording & playback 4Ch
- Real time even in network, display & recording.
- All channels supports video & audio 4A/4V,
- 2-way audio communication via computer & mobile phones (free of cost).
- Exclusive free services: magus DDNS & email alert for lifetime.
- P2P (Pier 2 Pier): DVR is pre-configured, it offers Plug n Play in remote viewing.
- Supports multiple monitor output HDMI, VGA, main & Spot monitor.
- Supports large storage, up to 2 x 3TB = 6TB.
- HiSilicon high end processor provides high performance & quality.
- Unique data format offers express backup, records data even 1sec before power failure & data recovery in partial cases.
- Video analysis: masking, motion, video Loss, external sensor input, HDD error, network disconnect.
- Alerts: email, Internal/external alarm activation, popup message, enabling PTZ function Tour/Preset & Cloud push (Optional)
- Multi user cross-platform management: User privilege settings can be set for various users in different access levels. Password protection supports cross matrix user & access level.
- Digital zoom in live & playback both.
- Synchronized playback
- Supports external USB Wi-Fi router
- Cloud Storage (optional service).

Network video recorder (centralized management software):

- Suitable for alarm management service in large scale installations & grouping of multiple DVRs in network.
- NVR software can record/display 64Ch in single screen / system (subject to hardware performance)
- Maximum DVR/Camera per system virtually unlimited.
- Supports groups, sequence & 2way audio.
- Supports mirror recording.
- Support E-map & virtual drag and drop function.
- Powerful Remote configuration & maintenance support.
- User selectability option available between real-time & quality preference aspects.
- Professional enterprise software.

Mobile phone application (Apps):

- 2-way audio communication (only on android phone)
- Slide view for camera selection.
- View multiple cameras in single screen.
- Supports clip recording & snapshot in mobile phone.
- Tree selection for multiple DVRs.

Product design and specifications are subject to change without prior notice

SPECIFICATIONS:

MD2104		
Processor		HiSilicon 3520A
Video Input		4 Composite Video 0.5~1V p-p 75 Ohm Auto Termination
Display	Resolution	960 x 576 Pixel PAL
	Frame Rate	100FPS PAL / 120FPS NTSC
	Mode	1/4/Sequence/Digital Zoom in live & Playback
Operating System		Embedded Linux
Video Compression		H.264 Baseline Profile Level 5.0
TV System		NTSC / PAL
Operation		Pentaplex
User Interface		Graphical User Interface.
Record Settings		
Main Stream	Record Rate	PAL Up to 100 FPS @ 960x576 (WD1) / NTSC Up to 120FPS @ 960x480 (WD1) PAL Up to 100 FPS @ 720x576 (D1) / NTSC Up to 120FPS @ 720x480 (D1) PAL Up to 100 FPS @ 720x288 (HD1) / NTSC Up to 120FPS @ 720x240 (HD1) PAL Up to 100 FPS @ 352x288 (CIF) / NTSC Up to 120FPS @ 352x240 (CIF)
	Video Quality	WD1 (960H) Mode: 1.2Mbps ~ 6Mbps Full D1 mode: 640Kbps ~ 4Mbps
Schedule		Manual, Schedule, Motion & Alarm Recording
Search & Playback	Search Type	File list (Date & time), Event, Motion, Alarm
	Playback Ch/FPS	PAL Up to 100 FPS @ 960x576 (WD1) / NTSC Up to 120FPS @ 960x480 (WD1) PAL Up to 100 FPS @ 720x576 (D1) / NTSC Up to 120FPS @ 720x480 (D1) PAL Up to 100 FPS @ 720x288 (HD1) / NTSC Up to 120FPS @ 720x240 (HD1) PAL Up to 100 FPS @ 352x288 (CIF) / NTSC Up to 120FPS @ 352x240 (CIF)
	Playback Tools	Slow playback 1/8X, 1/4X, 1/2X & fast forward 1X, 2X, 4X, 8X, 16X, 32X & 64X Digital Zoom in Live & Playback Backup & backup player Audio Enable / Disable
Backup		USB port can support Flash Drive & USB HDD-1TB & backup type Express Backup
Network Settings (IPv4)		
Sub stream	Transfer Rate	PAL Up to 100 FPS @ 352x288 (CIF) / NTSC Up to 120FPS @ 352x240 (CIF) PAL Up to 100 FPS @ 172x144 (QCIF) / NTSC Up to 120FPS @ 176x120 (QCIF)
	Bandwidth control	CIF Mode: 160Kbps ~ 1Mbps QCIF Mode: 32Kbps ~ 320Kbps
Network protocol		TCP/IP, HTTP, DHCP, DDNS, P2P, SSL, FTP, NTP, PPPoE & SMTP
Free Service		Magus DDNS, email alert, plug n play remote viewing & RTC Auto update from network
Online User		6 User Maximum
Storage		
HDD Interface & Number of port		SATA Interface & 2port
HDD Capacity		Maximum 3TB x 2 = 6TB Max.
Overwrite Mode		Auto overwrite FIFO / Stop Recording
External Interface		
Video Output		HDMI x 1, VGA x 1 & BNC x 2 Main monitor & Spot Monitor (Composite Video 1V p-p)
HDMI / VGA Resolution		Full HD 1920x1080P, HD 1280x720P, SXGA 1280x1024, XGA 1024x768 & SVGA 800x600
Audio I/O		RCA 4Ch Input & 1Ch output
Alarm I/O		Alarm Input-4ch & Alarm Output-1Ch
Network		10/100Mbps - RJ45
USB Port		Front2 (USB 2.0)
Communication port		RS-485 Telemetry Control support PTZ, Keyboard controller
Telemetry Protocols		Lilin, Sharp, Samsung, Sony, Panasonic, Pelco-D, Pelco-P & Philips, (Supports 40 protocol's)
User Application		
Monitoring		Professional Network video recorder 64Ch, Browser Supported IE, Google Chrome, Mozilla Firefox & Avant
Mobile View / OS Support		iPhone, Android, Window, Blackberry & Symbian
Security		Password Protection & Water mark
Alert Type		Cloud push, FTP, E-mail Alert & External alarm activation for camera Masking, Video Loss, Motion, HDD Full, disconnect & Sensor Input
General		
Product Dimensions		345mm X 65mm X 285mm (W x H x D)
Box dimensions		380mm X 140mm X 330mm (W x H x D)
Gross weight		2920gm
Power Supply		Input 100~240V Ac , 50/60Hz & Output 12V DC 4Amp
Accessories		HDD cables 2set, Power supply, CD, User manual, Remote controller & Mouse
Environment		
Temperature & Humidity		+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH