

# MD1604 4 Channel DVR



## FEATURES:

- Data card DVR support 4G LTE, 3G & 2G mobile Internet\*
- Service Providers\* - Airtel, Vodafone, Reliance, Idea, Tata docomo, Aircel, Uninor, MTS, Loop, BSNL etc.
- 4Ch Video & 2ch Audio
- CIF Real Time Recording & Playback @ 100FPS
- Max Resolution 960H (960 X 576 Pixel)
- H.264 Compression
- Dual stream optimizes independent streams; this saves internet cost and delivers uncompromised recording quality
- Playback 4Ch in CIF & 1ch in 960H Resolution
- Exclusive Services - Free Magus DDNS
- P2P (Pier 2 Pier): DVR Pre-Configured - it offers Plug n Play in remote viewing
- Dual Main Monitor VGA & BNC.
- Large Storage - 1bay support up to 4TB
- Alert Type: eMail, Popup Message & Enabling PTZ Function Tour/Preset
- Live Digital Zoom Supports Multiple X
- User Privilege Settings - can be set for various users in different access levels
- Client software for Remote Monitoring & Viewing
- Mobile Apps for Smart Phone Viewing

(\* Video surveillance requires good network. Opt for a good service provider in your region. \*\* Refer to user manual for USB modem hardware compatibility)



## SPECIFICATIONS:

### MD1604

<b>Processor</b>		HiSilicon 3515A
<b>Video Input</b>		4 Composite Video 0.5~1V p-p 75 Ohm Auto Termination
<b>Display</b>	<b>Resolution</b>	960 x 576 Pixel PAL
	<b>Frame Rate</b>	100FPS PAL / 120FPS NTSC
	<b>Mode</b>	1/4/Sequence & live digital zoom
<b>Operating System</b>		Embedded Linux
<b>Video Compression</b>		H.264 Baseline Profile Level 5.0
<b>TV System</b>		NTSC / PAL
<b>Operation</b>		Pentaplex
<b>User Interface</b>		Graphical User Interface.
<b>Record Settings</b>		
<b>Main Stream</b>	<b>Record Rate</b>	PAL Up to 100 FPS @ 960x576 (WD1) / NTSC Up to 120FPS @ 960x480 (WD1) PAL Up to 100 FPS @ 704x576 (D1) / NTSC Up to 120FPS @ 704x480 (D1) PAL Up to 100 FPS @ 352x288 (CIF) / NTSC Up to 120FPS @ 352x240 (CIF)
	<b>Video Quality</b>	64Kbps ~ 2Mbps per channel
<b>Schedule</b>		Manual, Schedule, & Motion Recording
<b>Search &amp; Playback</b>	<b>Search Type</b>	Calendar / Time search
	<b>Playback Ch/FPS</b>	PAL Up to 25 FPS @ 960x576 (WD1) / NTSC Up to 25FPS @ 960x480 (WD1) PAL Up to 25 FPS @ 704x576 (D1) / NTSC Up to 25FPS @ 704x480 (D1) PAL Up to 100 FPS @ 352x288 (CIF) / NTSC Up to 120FPS @ 352x240 (CIF)
	<b>Playback Tools</b>	Normal play 1X & fast forward 2X, 4X & 8X Digital Zoom in Live AVI / FLV Backup supports 3rd party media player By default first 2Ch Audio Enabled
<b>Backup</b>		USB port can support Flash Drive & USB HDD-500Gb & backup type Express Backup
<b>Network Settings (IPv4)</b>		
<b>Sub stream</b>	<b>Transfer Rate</b>	PAL Up to 40 FPS @ 352x288 (CIF) / NTSC Up to 40FPS @ 352x240 (CIF) PAL Up to 40 FPS @ 172x144 (QCIF) / NTSC Up to 40FPS @ 176x120 (QCIF)
	<b>Bandwidth control</b>	64Kbps ~ 384Kbps
<b>Network protocol</b>		TCP/IP, HTTP, DHCP, Magus Free DDNS, P2P, PPPoE, SMTP, SSL, 3G & UPnP
<b>Free Service</b>		Magus DDNS, plug n play remote viewing
<b>Online User</b>		10User Maximum
<b>Storage</b>		
<b>HDD Interface &amp; Number of port</b>		SATA Interface & 1port
<b>HDD Capacity</b>		Maximum 4TB x 1bay = 4TB Max.
<b>Overwrite Mode</b>		Auto over write FIFO / Stop Recording
<b>External Interface</b>		
<b>Video Output</b>		VGA x 1 & BNC x 1 Main monitor (Composite Video 1V p-p)
<b>Display Resolution</b>		Full HD 1920x1080P, SXGA 1280x1024, XGA 1024x768 & SVGA 800x600
<b>Audio I/O</b>		RCA 2Ch Input & 1Ch output
<b>Network</b>		10/100Mbps - RJ45
<b>USB Port</b>		Rear 2 (USB 2.0)
<b>Communication port</b>		RS-485 Telemetry Control support PTZ
<b>Telemetry Protocols</b>		Pelco-P & Pelco-D
<b>User Application</b>		
<b>Monitoring</b>		Network video recorder 64Ch, Browser Supported IE, Google Chrome, Mozilla Firefox & Avant
<b>Mobile View / OS Support</b>		TMeye & eSee net mobile apps supports smart phone
<b>Security</b>		Password Protection & Water mark
<b>Alert Type</b>		E-mail Alert for Video Loss & Motion
<b>General</b>		
<b>Product Dimensions</b>		300mm X 45mm X 240mm (W x H x D)
<b>Box dimensions</b>		380mm X 90mm X 290mm (W x H x D)
<b>Gross weight</b>		800gm
<b>Power Supply</b>		Input 100~240V Ac , 50/600Hz & Output 12V DC 2.5Amp
<b>Accessories</b>		HDD cables 1set, Power supply, CD, Quick setup manual, Remote controller & Mouse
<b>Environment</b>		
<b>Temperature &amp; Humidity</b>		+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH