

MDAR-C16HS

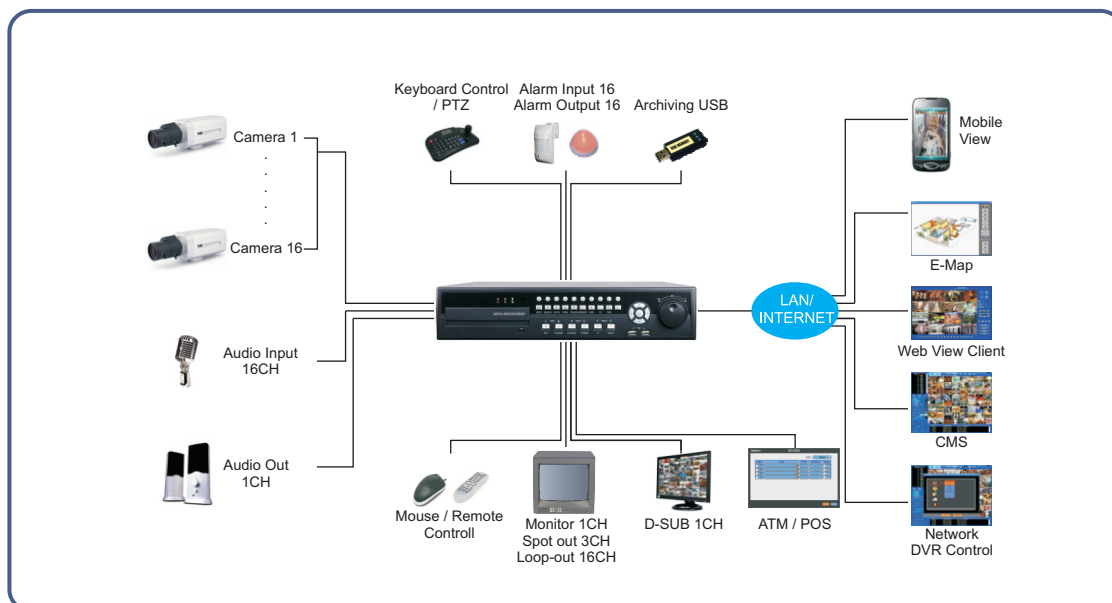
16CH / 480FPS AT H.264 REALTIME



- FEATURES -

- H.264 16Channel Real Time Recording / Embedded Linux
- Pentaplex DVR (Live, Recording, Playback, Network)
- Total Recording Capacity
 - : NTSC Video Resolution : 360x240 / Max. 480fps
 - : PAL Video Resolution : 360x288 / Max. 400fps
- Dual Stream (Dual Streaming for High Speed Internet, H.264 CIF)
- Video Quantity : Super / High / Standard
- Two way Audio Input / Output : 16Channel Input / 1Channel Output
- Primary Storage : SATA HDD (Up to 3+1 or 4+0)
- Pre / Post Alarm Recording : Up to 3 Hours / User Programmable
- Alarm 16(TTL) Input (NC/NO) / 16(TTL) Output (NC/NO)
- Archive Clip Copy / File Format : DVD-RW, Memory Stick / EXE (Video Clip), JPEG (Still Image)
- Access through static IP, dynamic IP, PPPoE (DHCP, floating IP), and DDNS
 - : 10 / 100Mbps Ethernet (RJ-45)
- Easy control : Mouse, IR remote controller, Network DVR OSD control
- PTZ Control protocol : Pelco-D, Pelco-P, DY DRX-500, Kalatel, DynaColor, ViconSD, PanasonicSD, HSD251, HSDN251, DSC230S, B01, BBY, Ikegami, Niko, PIH-717
- User Friendly GUI (Flexible, Easy and Convenient)
- Advanced CMS Software (Convenient and Versatile Software)
- S.M.A.R.T (Self Monitoring Analysis and Reporting Technology)
- ATM/POS (Patent Pending, Recording Transaction Data from ATM/POS)
- Mobile CMS
 - OS : Windows Mobile 6.1 or higher version
 - Memory : 512Kb or Higher
 - Device : Smartphone
 - Network : Available all wireless networking method. I.e. Wi-fi, HSDPA, Wibro.

- CONFIGURATION -



- FRONT VIEW -



- REAR VIEW -



- SPECIFICATIONS -

MDAR-C16HS	
Compression	H.264 / Pentaplex
Operating System	Embedded Linux
OS Firmware	Linux OS in Flash Memory
Signal Format	NTSC or PAL Selectable
Video Input	Composite 16 BNC Inputs
Video Output	Composite : 1 (1Vp-p, 75 Ohm), Composite 16 BNC Loop output, Spot Output 3 BNC
Monitor Output	1 VGA
Sequence	Yes
Max. Recording Rate at CIF (FPS)	480 (NTSC : 360x240) / 400 (PAL : 360x288)
Max. Recording Rate at H.D1(FPS)	240 (NTSC : 720x240) / 200 (PAL : 720x288)
Max. Recording Rate at Full D1 (FPS)	120 (NTSC : 720x480) / 100 (PAL : 720x576)
Video Stream	Dual Stream
Audio Input	16 Input (RCA)
Audio Output	1 Output (RCA)
Ethernet	10 / 100 Mbps Ethernet (RJ-45)
Alarm Input	16 (TTL) Programmable as NC/NO
Alarm Output	16 (TTL) Programmable as NC/NO
USB Interface	4 x USB2.0 (2 x Front Panel, 2 x Rear Panel)
Search (Date/Time, Calendar, Event)	Yes
User Interface (GUI / Control Device)	Yes / Keypad, Mouse, PTZ Control, Remote Controller
Archive File Format	EXE (Video Clip) / JPEG (Still Image)
NTP Server	Yes
GMT Time Zone	Yes
Auto DST	Yes
Recording Qualities	Super / High / Standard
Recording Modes	Continuous / Alarm / Motion / Emergency
Pre-Alarm Recording	Up to 3 Hours / User Programmable
Motion Detection	Yes (22 x 15)
Playback Control	x1, x2, x4, x8, x16, x32, x64, Extreme
PTZ Control	RS-485 / 422 Terminal Block
Preset Touring	Yes
POS/ATM Support	RS-232 Serial Port 1 (D Sub Connector) (Optional)
Multi Language	English / Danish / Chinese / Japanese / Korean / Italian / Polish / Russian / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian
Primary Storage	SATA HDD (Up to 3+1 or 4+0)
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
Dimension (WxHxD)	430mm x 88mm x 400mm / 16.93inch x 3.46inch x 15.75inch
Operating Temperature	5°C~40°C / 41°F~104°F
Operating Humidity	0% ~ 90%
Power Adapter	Free Voltage 12VDC, 5A
Power Consumption	Max 37W
Agency Approval	FCC / CE (EMC, LVD) / UL (NRTL)

* The above specifications can be changed without any prior notification.

- RECORDING TIME (16CH, CIF, 25FPS/30FPS) -

	Super (PAL/NTSC)	High (PAL/NTSC)	Standard (PAL/NTSC)
File size per second	1.97MB / 2MB	1.52MB / 1.53MB	1MB / 1.04MB
File size per min	119.1MB / 120.4MB	91.4MB / 91.7MB	62MB / 62.2MB
File size per hour	6.97GB / 7.05GB	5.35GB / 5.37GB	3.65GB / 3.64GB
File size per day	167.43GB / 169.28GB	128.5GB / 128.9GB	87.67GB / 87.41GB
File size per month	4.9TB / 4.96TB	3.76TB / 3.78TB	2.57TB / 2.56TB