

# MDAR-C04HH

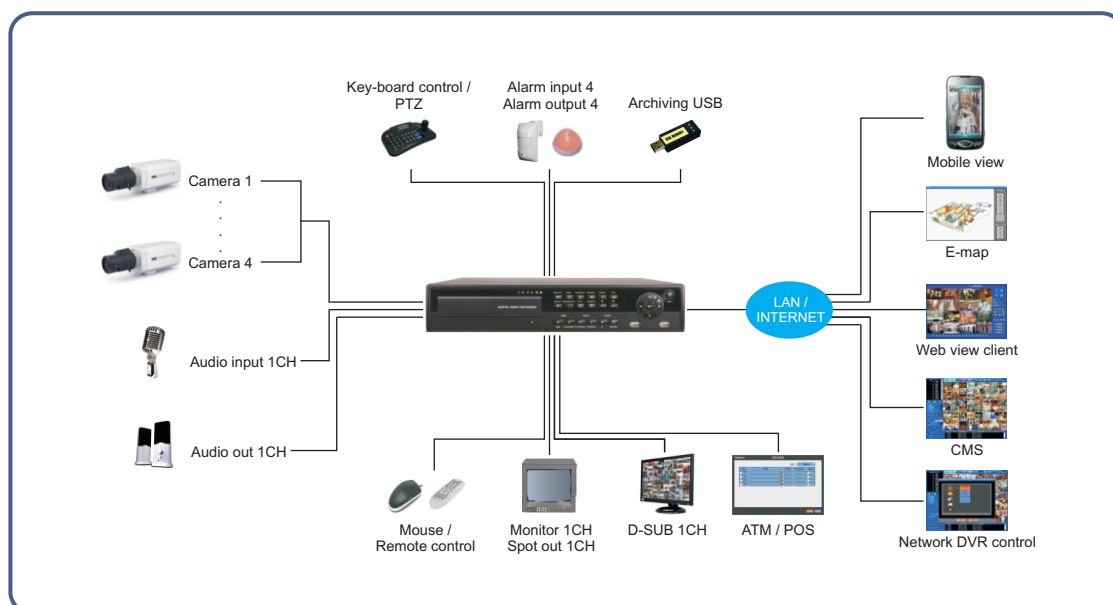
## 4CH / 120FPS AT TRUE H.264 REALTIME



### - FEATURES -

- True H.264 4channels real time recording / Embedded Linux
- Pentaplex DVR (Live, Recording, Playback, Network)
- Total recording capacity
  - : NTSC video resolution : 360x240 / Max. 120fps
  - : PAL video resolution : 360x288 / Max. 100fps
- Dual stream (Dual streaming for high speed internet, H.264 CIF)
- Video quantity : Super / High / Standard
- Two way audio input / output : 1channel input / 1channel output
- Primary storage : SATA HDD (Up to 2 + 1)
- Pre/Post alarm recording : Up to 3 Hours / User programmable
- Alarm 4 (TTL) Input (NC/NO) / 4 (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 -**



**- REAR -**



**- 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

**- SPECIFICATIONS -**

MDAR-C04HH	
Compression	True H.264 / Pentaplex
Operating System	Embedded Linux
OS Firmware	Linux OS in Flash Memory
Signal Format	NTSC or PAL Selectable
Video Input	Composite 4 BNC Inputs
Video Output	Composite : 1 (1Vp-p, 75 Ohm), Spot Output 1 BNC
Monitor Output	1 VGA
Sequence	Yes
Max. Recording Rate at CIF (FPS)	120 (NTSC : 360x240) / 100 (PAL : 360x288)
Max. Recording Rate at H.D1 (FPS)	120 (NTSC : 720x240) / 100 (PAL : 720x288)
Max. Recording Rate at Full D1 (FPS)	60 (NTSC : 720x480) / 50 (PAL : 720x576)
Video Stream	Dual Stream
Audio Input	1 Input
Audio Output	1 Output (RCA)
Ethernet	10 / 100 Mbps Ethernet (RJ-45)
Network Bandwidth Control	56 Kbps ~ Unlimited
Alarm Input	4 (TTL) Programmable as NC/NO
Alarm Output	4 (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 / Front Button, 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
POS / ATM	Up to 4 channel over USB
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 2 + 1)
Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
Dimension (W x H x D)	350 x 65 x 350(mm) / 13.78 x 2.56 x 13.78(inch)
Operating Temperature	5°C ~ 40°C / 41°F ~ 104°F
Operating Humidity	0% ~ 90%
Power Adapter	Free Voltage 12VDC, 3.33A
Power Consumption	Max. 27W
Agency Approval	FCC / CE

\* Specifications are subject to change without notice.