

# MDR688A

## 16CH H.264 DVR

USB Mouse Control with GUI Display



Cell Phone Control    USB Mouse Control    Graphical OSD

## FEATURES

### USB Mouse Control with GUI OSD

- ❖ The GUI OSD interface is provided and used with your USB mouse.

### Intelligent Motion Recording

- ❖ Only the channel with an event will be recorded to effectively save a significant amount of hard disk space and have the maximized recording time.
- ❖ Supports pre-alarm recording.

### All-Channels Playback Simultaneously

- ❖ Supports all-channels playback simultaneously to quickly preview what happened in each channel.

### Remote Surveillance

- ❖ Mobile surveillance via many popular mobile platforms, such as iPhone, BlackBerry, WinCE, J2ME & Android are supported to fulfill various user demands.
- ❖ Network surveillance via the licensed software "Video Viewer", Internet Explorer, Mozilla Firefox or Google Chrome web browser, and QuickTime player is supported with up to 10 users' login simultaneously.

### Remote Independent Operation

- ❖ Channel switching & video playback are fully independent from the local site, allowing users to have private image monitoring remotely.

### H.264 Video Compression Technology

- ❖ Highly improves video quality for live, recording, and network.
- ❖ Recording file size is minimized for longest recording time.
- ❖ Lower bit rate required for fastest network transfer.

### Multiplex

- ❖ Allows live display, record, playback, backup and network operation at the same time.

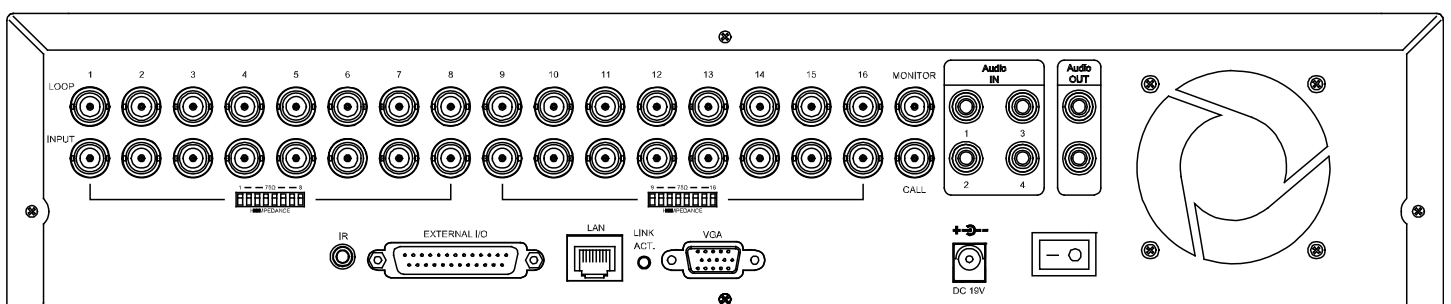
### Backup Function

- ❖ Supports DVD writer (optional), USB flash drive and network backup.

### Audio / Video Support

- ❖ 4 audio-in, 2 audio-out to record sounds.
- ❖ VGA interface built-in.

## REAR PANEL



# SPECIFICATIONS

Video System	NTSC / PAL (auto detection)	
Video Compression Format	H.264	
Video Input	16 channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Loop Output	16 channels (Composite video signal 1 Vp-p 75Ω BNC)	
Video Output (BNC)	Main Monitor	For stable display
	Call Monitor	For sequence display
Video Output (VGA)	Built-in VGA interface for LCD monitor	
Audio Input / Output	4 audio inputs, 2 audio output (Mono)	
Maximum Recording Rate	Frame	704×480 pixels with 120 IPS <NTSC> / 704×576 pixels with 100 IPS <PAL>
	Field	704×240 pixels with 240 IPS <NTSC> / 704×288 pixels with 200 IPS <PAL>
	CIF	352×240 pixels with 480 IPS <NTSC> / 352×288 pixels with 400 IPS <PAL>
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL	
Hard Disk Storage	Accommodates 2 SATA HDDs (1 HDD capacity up to 2TB)	
Quick Search	Time / Motion / Alarm search mode	
SATA Interface	Built-in	
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Multiplex Operation	Live display / record / playback / backup / network operations	
USB Mouse Control	YES	
Motion Detection Area	16 × 12 grids per channel	
Motion Detection Sensitivity	3 adjustable parameters for accurate detection	
Pre-alarm Recording	YES	
Backup Device	DVD Writer (optional) / USB 2.0 flash drive / Network	
Web Transmitting Compression Format	H.264	
Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet	
Web Interface	Licensed software "Video Viewer" / Internet Explorer, Mozilla Firefox or Google Chrome web browser / QuickTime player (10 users access simultaneously) *Operating System: Windows 7 / Vista / XP / 2000	
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS	
Fully Remote Independent Operation	YES	
Event Notification	By FTP & E-Mail	
R.E.T.R. (Remote Event Trigger Recording)	YES	
IR Remote Control	YES (IR receiver built-in)	
Mobile Surveillance	YES (Including iPhone, BlackBerry, WinCE, J2ME & Android)	
Picture Zoom	2X digital zoom	
PTZ Control	YES	
Alarm I/O	16 inputs, 1 output	
Key Lock (Password Protection)	YES	
User Level	Administrator & Operator	
Video Loss Detection	YES	
Camera Title	Supports up to 6 letters	
Video Adjustable	Hue / Saturation / Contrast / Brightness	
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY	
Daylight Saving	YES	
Power Source (±10%)	DC 19V	
Power Consumption (±10%)	< 64 W	
Operating Temperature	10°C ~ 40°C (50°F ~104°F)	
Dimensions (mm)**	432(W) × 90(H) × 326(D)	
System Recovery	System auto recovery after power failure	
Optional Peripherals	Keyboard Controller	

\*The specifications are subject to change without notice.

\*\* Dimensional tolerance: ±5mm