

MDR688A

16CH H.264 DVR

USB Mouse Control with GUI Display



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 is 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.

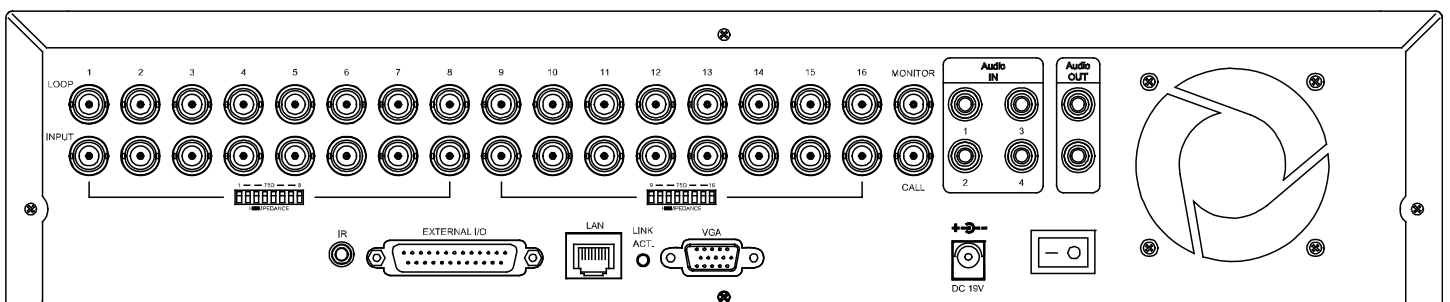
Backup Function

- ❖ 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	
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