MDR688

16CH H.264 Network DVR



FEATURES

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

Long Recording Time

The recording time is greatly extended with the smart recording design that only the motion-triggered channel will be recorded, and the video loss channel won't be recorded

VGA Output

- Built-in VGA interface
- Output resolution up to 1600 x 1200

Multiplex Operation

Allows users to operate live display / playback, recording, backup, and network simultaneously

Audio Recording

Supports four audio inputs and two audio outputs

Quick Search

Supports time search, event (motion-triggered recording) search and alarm search

Easy Backup

Supports USB flash drive and network for easy backup

User-friendly OSD

Graphical & multi-language OSD makes operation easier and more user-friendly

Remote Independent Operation

Changing of live view on the remote side is independent from the local site

Central Management System

Supports Central Management System function for remote surveillance to monitor up to 16 different IP addresses
easily

Low Cost Network Setup

Supports dynamic IP for users with limited budget

Easy and Free Upgrade

 Releases new firmware for free upgrade to advanced functions, and the upgrade can be completed via USB flash drive or network

Others

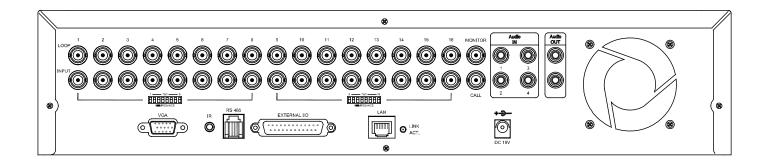
- Supports Frame / Field / CIF resolution for recording
- ❖ Supports SATA HDDs
- Supports Pelco-D & Pelco-P for speed dome control
- Supports day-light saving
- Supports covert recording
- Supports IR remote control
- Supports auto recovery after power failure
- Supports watch dog function after network disconnection

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 (output resolution up to 1600 x 1200)
Audio Input		4 Channels (Mono)
Audio Output		2 Channel (Mono)
Multiplex Operating		Supports live display, recording, playback, backup, and network simultaneously
Maximum Recording Rate	FRAME	120 IPS @ 704×480 <ntsc> / 100 IPS @ 704×576 <pal></pal></ntsc>
	FIELD	240 IPS @ 704×240 <ntsc> / 200 IPS @ 704×288 <pal></pal></ntsc>
	CIF	480 IPS @ 360×240 <ntsc> / 400 IPS @ 360×288 <pal></pal></ntsc>
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Recording Quality Options		Super Best, Best, High & Normal
Pre-alarm Recording		YES (8 MB)
HDD Type		SATA
HDD Storage**		Up to two HDDs
HDD Quick Cleaning		Deletes HDD Data Efficiently (1TB within 2 seconds)
Quick Search		Time / Motion / Alarm search mode
USB Flash Drive Backup		YES
Network Transfer Format		H.264
Ethernet		10/100 Base-T
Network Protocol		TCP/IP, PPPOE, DHCP and DDNS (Dynamic IP)
Network Surveillance Interface		Licensed software "Video Viewer" / Internet Explorer or Mozilla Firefox web browser / QuickTime player
Remote Independent Operation		YES
Network Alarm Notification		E-mail and FTP server
CMS (Central Management System)		YES (Maximum: 16 different IP addresses)
Operating System for Network Function		Windows Vista / XP / 2000; Apple MAC
IR Remote Control		YES
Multilingual OSD		YES
Motion Detection Area		16 × 12 grids per channel

Motion Detection Sensitivity	Four adjustable parameters for accurate detection
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PTZ Camera Control	YES (Pelco-D & Pelco-P)
External Alarm	16 inputs, 1 output
Picture Zoom	2X digital zoom
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Up to 6 letters
Video Adjustable	Hue / Color / 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℃ ~40℃ (50°F~104°F)
Dimensions (mm)***	432(W) × 90(H) × 326(D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller

Rear Panel



^{*}The specifications are subject to change without notice
** The DVR supports one HDD capacity up to 1TB, and HDDs are optional.

^{***} Dimensional tolerance: ±5mm