



ON-MDVR04HA

4CH H.264 Network DVR

ON-MDVR04HA-D

4CH H.264 Network DVR + DVDRW



● 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
- **Multiplex Operation**
 - Allows users to operate live display, recording, playback, backup, and network simultaneously
- **Audio Recording**
 - Supports 4CH audio input and 1CH audio output
- **Quick Search**
 - Supports time search, event (motion-triggered recording) search and alarm search
- **Easy Backup**
 - Supports USB flash drive, external USB HDD, DVD writer (optional), and network for easy backup
- **Easy Playback on PC**
 - All the backup files can be played directly on your computer by Windows Media Player, and there is no need to install any software
- **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 for speed dome control
 - Supports day-light saving
 - Supports covert recording & auto recovery after power failure
 - Supports watch dog function after network disconnection



● Specifications

MODEL	ON-MDVR04HA	ON-MDVR04HA-D
Video System	NTSC / PAL (auto detection)	
Video Compression Format	H.264	
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels	
Video Loop Output (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels	
Video Output (BNC)	Main Monitor Output: for stable display	
	Call Monitor Output: for sequence display	
Video Output (VGA)	Built-in VGA output for LCD monitor	
Audio Input	4 Channels (Mono)	
Audio Output	1 Channel (Mono)	
Multiplex Operating	Supports live display, recording, playback, backup, and network simultaneously	
Maximum Recording Rate (Frame)	30 IPS @ 720×480 <NTSC>	
	25 IPS @ 720×576 <PAL>	
Maximum Recording Rate (Field)	60 IPS @ 720×240 <NTSC>	
	50 IPS @ 720×288 <PAL>	
Maximum Recording Rate (CIF)	120 IPS @ 352×240 <NTSC>	
	100 IPS @ 352×288 <PAL>	
Recording Mode	Manual / Timer / Motion / Alarm / Remote	
Recording Quality Options	Best, High, Normal and Basic	
Pre-alarm Recording	YES (8 MB)	
HDD Type	SATA	
HDD Storage	Accommodates 2 SATA HDDs	Accommodates 1 SATA HDD
	Supports Maximum HDD Capacity to 2 Tera Byte	Supports Maximum HDD Capacity to 1 Tera Byte
HDD Quick Cleaning	Delete HDD Data Efficiently (1TB within 2 seconds)	
Quick Search	Time / Motion / Alarm search mode	
USB Flash Drive Backup	YES	
External USB Interfaced Device Backup	YES	
DVD Writer Backup	NO	YES
Playback on PC	Windows Media Player compatible	
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 AP / IE & Fire fox browser (20 users on-line simultaneously)
Independent Network	Basic Independent
Network Alarm Notification	E-mail and FTP server
CMS (Central Management System)	YES (Maximum: 16 different IPs)
Network E-map Function	Customized map for IP selection
R.E.T.R. (Remote Event Trigger Recording)	YES
Operating System for Network Function	Windows Vista / XP / 2000
IR Remote Control	YES
Multilingual OSD	YES
Motion Detection Area	16 × 12 grids per channel
Motion Detection Sensitivity	4 adjustable parameters for accurate detection
PTZ Control	PELCO-D / AVTECH
External Alarm	4 inputs, 1 output
Picture Zoom	2X digital zoom
Key Lock (Password Protection)	YES
Video Loss Detection	YES
Camera Title	Supports up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Daylight Saving	YES
Power Source (±10%)	DC 19V
Power Consumption	< 42 W
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Dimensions (mm)**	375(W) × 61 (H) × 281 (D)
System Recovery	System auto recovery after power failure
Optional Peripherals	Keyboard controller

*The specifications are subject to change without notice

** Dimensional tolerance: ±5%