

HNR-8540/16560

8/16CH Built-in PoE Network Video Recorder



Key Features

- Real Time Full HD Recording and Up to 5MP Recording
- Built-in PoE Switch(IEEE 802.3af Support)
- Compatible with Onvif Supporting Cameras
- Full HD Display(VGA, HDMI)
- Built-in Discovery
- Internal 2 HDD
- 1 e-SATA, 3 USB Interface
- Alarm Input(8), Alarm Output(1)

Key Functions

- H.264 High Profile Hardwired Codec
- S.M.A.R.T. Hard Disk Check
- Authentication of Data from Reproduction and Falsification
- Dashboard, DDNS, UPnP, NAT Traversal
- Small Recording File Size with Crystal Clear Picture Quality
- Adjustable Recording Frame Rate, Resolution and Picture Quality
- Video/Audio Data Backup in AVI / MP4 Format
- Configuration File Import / Export and Camera Setup Cloning
- Advanced Event Search Function
- Self-Diagnosis and Hardware Watch-Dog
- Remote Client Software, Webviewer, Mobile App

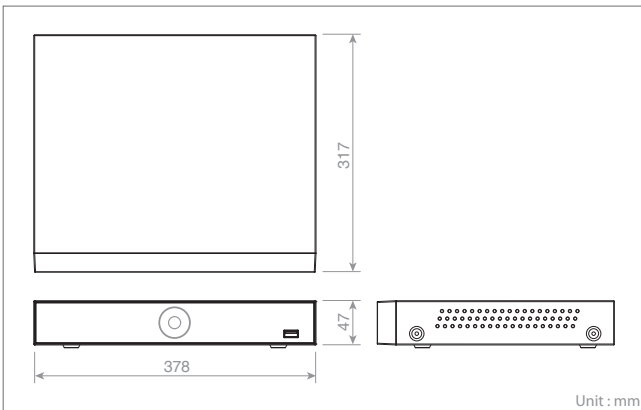
Series Model

- HNR-4530(4CH, 4 Port PoE)
- HNR-16560(16CH, 16 Port PoE)

Software

- SmartManager
- Titanium 2.0
- Titanium Mobile

Dimension



Technical Specifications

Model	HNR-8540	HNR-16560
VIDEO		
Video Input	8 IP	16 IP
Video Input Resolution	Up to 5MPx4CH + 3MPx4CH	Up to 5MPx4CH + 3MPx12CH
Compression	H.264	H.264
Display Output	1 VGA, 1 HDMI	1 VGA, 1 HDMI
Display Resolution	1920x1080, 1280x720, 1024x768	1920x1080, 1280x720, 1024x768
Display Speed	200/240fps	400/480fps
Display Mode	1/4/9 Split, Sequence	1/4/9/16 Split, Sequence
RECORDING		
Recording Speed	100/120fps@5MP + 100/120fps@3MP	100/120fps@5MP + 300/360fps@3MP
Max. Recording Throughput	64Mbps	128Mbps
Recording Mode	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic	Continuous, Motion, Alarm, C+M, C+A, M+A, C+M+A, Panic
Pre Alarm	1~5sec	1~5sec
Post Alarm	5sec~1hour	5sec~1hour
PLAYBACK		
Simultaneous Playback	1/4/9 Split	1/4/9/16 Split
Playback Mode	Backward, Forward 2~64x	Backward, Forward 2~64x
Search Mode	Time, Event, Thumbnail, Text, Smart(Motion)	Time, Event, Thumbnail, Text, Smart(Motion)
STORAGE		
Internal HDD	2 SATA Interface	2 SATA Interface
External Storage	iSCSI	iSCSI
Backup	USB	USB
Backup File Format	AVI, H4V, MP4	AVI, H4V, MP4
FUNCTION		
3rd Party IP Camera	Support API or Onvif	Support API or Onvif
Text in	POS/ATM(VSSI-Pro, ASCII, Network)	POS/ATM(VSSI-Pro, ASCII, Network)
User Interface	Mouse, USB/RS485 Keyboard IR Remote Controller(Optional)	Mouse, USB/RS485 Keyboard IR Remote Controller(Optional)
NETWORK		
Ethernet	WAN	1 RJ45 10/100/1000 Base-T
	PoE	8 RJ45 10/100 Base-T
	PoE Power	74W(IEEE802.3af Compliance)
Max. Output Throughput		Unlimited
		(Guarantee 144Mbps, Support Bandwidth Control)
Remote Monitoring	CMS, Mobile, Web, Dashboard	CMS, Mobile, Web, Dashboard
EXTERNAL IN/OUT		
Audio In	8 IP Camera	16 IP Camera
Audio Out	1 RCA, 1 HDMI	1 RCA, 1 HDMI
Alarm In	8 Input(Terminal Block)	8 Input(Terminal Block)
Alarm Out	1 Output(Terminal Block)	1 Output(Terminal Block)
Serial Port	USB to Serial	USB to Serial
USB	3 USB	3 USB
ETC		
Operating Humidity	0~90% RH(Non-Condensing)	0~90% RH(Non-Condensing)
Operating Temperature	0~+45 °C	0~+45 °C
Power Supply	48VDC, 2A	110~220VAC, 3A
Power Consumption	20W(Include 2HDD, Without PoE)	20W(Include 2HDD, Without PoE)
Dimension(WxHxD)	378x47x317mm	378x47x317mm
Net Weight	Approx. 2.5kg(Exclude HDD)	Approx. 2.9kg(Exclude HDD)

Specifications are subject to change without notice.