

HNR-E10450/E20450

4CH Edge Network Video Recorder



Key Functions

- Quick Setup by Automatic Camera Detection and Setup Wizard & Zeroconfig
- Alarm Handling with History log and Pre-Alarm Recording
- Simultaneous 3 User Access(20 Users Registration)
- Network Time Synchronization
- S.M.A.R.T. Hard Disc Check
- Cross Web Browsing(IE, Safari, Firefox, Chrome)

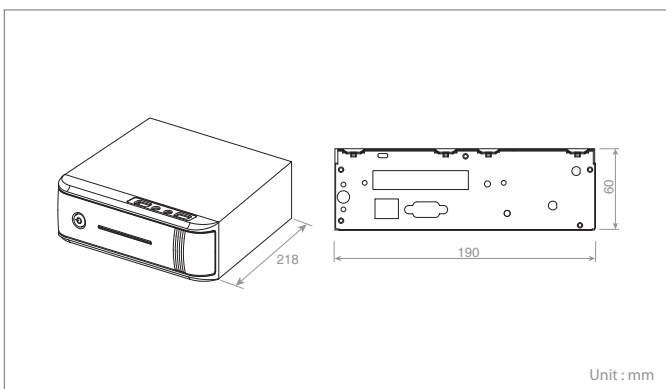
Software

- SmartManager
- NC-Titanium
- Tive HD
- Titanium Plus VMS

Optional Accessory

- HAS-02R / HAS-04R(e-SATA Storage)

Dimension



Key Features

- Real-Time Full HD Recording
- Built-in WiFi Access Point (HNR-E20450)
- Compatible with Onvif Supporting Cameras
- Built-in Discovery
- Internal 1 HDD
- 1EA x e-SATA, 1EA x USB2.0
- Alarm Input(8), Alarm Output(8)
- 12VDC

Technical Specifications

Model		HNR-E10450	HNR-E20450
Video	IP Camera Input	4CH@Full-HD	4CH@Full-HD (Max. 2CH with Wi-Fi)
	Supported Cameras	ONVIF Based Network Cameras	
	Supported Video Format	H.264, MPEG-4, MJPEG	
	Supported Video Resolution	320x240/288~1920x1080	
Recording	Recording Mode	Schedule, Text-In, Event	
	Pre-Alarm Recording	Up to 15 Seconds	
	Frame Rate	Max. 100/120fps@Full-HD	Max. 100/120fps@Full-HD, /50/60fps@Full-HD with WiFi
Search	Search Mode	Calendar, Time, Event, Text-In, Bookmark	
Playback	Playback Control	PLAY, Rev. PLAY, Pause, Stop, FF, FR, Step Forward, Step Backward, Goto First, Goto Last	
	Bandwidth Control	Automatic	
Network	No.of Simultaneous Users	3	
	Supported Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, uPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconfig, Bonjour	
	User Registration	20	
	Monitoring	Web Browsing, SmartManager, NC-Titanium, Tive	
Storage	Internal HDD	1 SATA	
	External HDD	External 4 Pin 1 SATA Port	
Input/Output	Alarm	Terminal 8 TTL Input, Terminal 8 Relay Output	
	Ethernet	Gigabit	
	USB	1xUSB2.0	
	Addition SATA	1 External SATA Port	
	Power Source	100~240 VAC±10%, 50/60 Hz, Auto-Ranging	
Electrical	Power Adaptor	12VDC, 5A	
	Operating Temperature	0~+45°C(+36~+114°F)	
Environment	Humidity	0~90%RH	
	Dimension(WxHxD)	190(W)x60(H)x218(L)mm	
Mechanical	Weight	1.3kg, without HDD	

Specifications are subject to change without notice.