

Sharx HTNR16560

16 Channel 480 fps / 5 MP Network Video Recorder with built in PoE



Key Functions

- H.264 High Profile hardware Codec
- S.M.A.R.T. Hard Disk Check
- Video / Audio Clip Overwrite Protection Feature
- Still Image Capture and Direct Print Feature
- Data Authentication Feature
- DDNS, UPnP, NAT Traversal Feature for Remote Access
- Small Recording File Size with Crystal Clear Picture Quality
- Adjustable Recording Frame Rate, Resolution and Picture Quality
- Video/Audio Data Backup in AVI / H.264 Format
- Configuration File Import / Export and Camera Setup Cloning
- Advanced Event Search Function
- Self-Diagnosis and Hardware Watchdog
- Built in Gigabit PoE Switch and DHCP server for easy camera connection
- Remote Client Software, Webviewer, iOS and Android apps
- New for 2018: "Warp" feature for NVR-to-NVR remote screen viewing & control and "Smart Search" feature to find motion events in a designated area

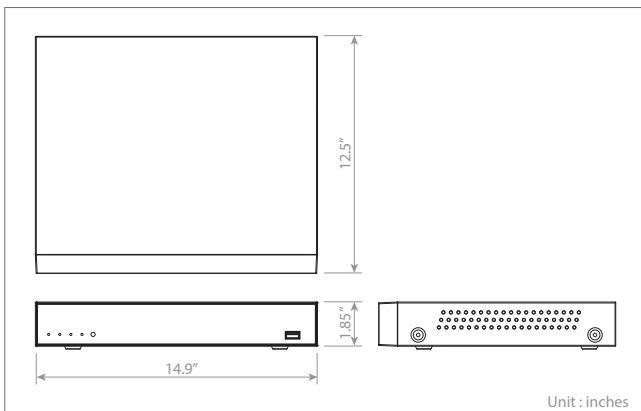
Compatible Sharx IP Cameras

- HTNC4410M** (10 x motorized zoom)
- HTNC4503M** (5 Megapixel, 3 x motorized zoom)
- HTNC4403DM** (IR dome, 3 x zoom)
- HTNC4420PTZ** (PTZ dome, 20 x zoom)
- HTNC4430XIR** (IR PTZ, 30 x zoom, extended IR 1200 ft night vision)

Note1: HTNC4410M can be recorded, displayed and controlled by the NVR but must be powered with a PoE+ injector available separately from Sharx Security

Note2: HTNC4430XIR can be recorded, displayed and controlled by the NVR but must be powered with the 56V PoE injector included with that camera model

Dimensions



Key Features

- Real Time Full HD, 3MP, or 5MP recording (4x full HD/3MP/5MP + 12x full HD/3MP)
- Real Time Full HD display of up to 16 IP cameras on TV + monitor + browser + app
- Built-in 16 port Gigabit PoE switch with IEEE 802.3af support for easy camera hookup
- Optimized for Sharx Security HTNC Series commercial grade PoE cameras
- Supports many other ONVIF compatible IP cameras from full HD to 5 Megapixels
- PC and Mac compatible (with Java enabled in browser) and free iOS / Android app
- 360 fps recording performance at full HD or 3MP resolution + 120 fps @ 5 MP
- 2 Internal drive bays supporting up to 10 TB each (drives not included in base version)
- 1 e-SATA port for external drive, 2 USB ports for kb/mouse, 1 USB3 port for backup
- 2 Full HD monitor outputs (1 HDMI and 1 VGA) for continuous viewing of live video
- 8 Alarm Inputs, 1 Alarm Output for integration with special sensors or alarm system
- NEW for 2018: Now supports free instant push notifications to iPhone / iPad / Android

Technical Specifications

Model	HTNR16560	
IP Camera Input	Input	16x RJ45 Port 10/100
	Embedded Ethernet Switch	Gigabit Ethernet upload port
	Embedded PoE Switch	IEEE 802.3af
	Resolution	5M/3M/1080p/960p/960H/D1/VGA
Monitor Output	Protocol	ONVIF v2.3 Base
	HD Video Output	VGA and HDMI available simultaneously for live dual monitor display
	Display Resolution	Up to 1920x1080p
	Screen Split Mode	1/4/6/8/9/13/16
Recording	PIP and Zoom	PIP/Zoom (x2, x4, x6, x8)
	Audio Output	1 x RCA
	Frame Rate	Adjustable Frame Rate for Each Camera
	Recording Modes	Manual, Schedule, Event (Motion, Video Content Analysis, Sensor)
Remote Monitoring/Control	Recording FPS	Full-HD or 3 MP @ 480fps, first 4 camera positions support 5 MP
	Recording Throughput	Up to 8 Mb per camera, 128 Mbps total
	Still Image Capture	Live or Playback image local capture and backup for legal evidence
	Internal Hard Drive	2x SATA (Max. 20T HDD)
Playback	Playback Screen Mode	Remote View and Control via Gigabit Ethernet uplink port PC and Mac Web Browser, iOS / Android app, VMS, and NVR-to-NVR remote access NAT Traversal Support for direct HTTP or HTTPS access to attached cameras Dual Streaming for Live and Recording Event Map Support
	Playback FPS	1/4/9/13/16
	Playback Speed	Full-HD @ 120fps FF/REW: x1, x2 (-2), x4 (-4), x8 (-8), x16 (-16), x32 (-32), x64 (-64) and x 1/2 (-1/2), x 1/4 (-1/4) and x 1/8 (-1/8)
	Search Mode	Data/Time, Calendar, Event, Protect, Capture
Alarm Control	External Sensor Input	8
	Alarm Output	1
Data Backup Drive Connection Port	USB 3.0	
Features	Video Content Analysis	Supported with Sharx Security HTNC series cameras
	Audio	G.711, requires microphone on Sharx Security HTNC series cameras (optional)
	Keyboard and Mouse	USB KB and mouse ports (mouse with scroll wheel is included with NVR)
	Printer	USB or Network Printer
	NTP Server/Client	Supported, allowing NVR to get time from internet and provide time to cameras
	Pentaplex Mode	Simultaneous Live, Recording, Playback, Backup, Network
	Control	IR Remote Control (included), USB Mouse (included), Keyboard (optional)
	Event Log & Pre-Alarm Record	System/Event Log Management, Pre-Recording for Motion/Sensor
	Auto Detection	Setup Recording Duration Per Channel
	Compatibility	PC Windows 7 - 10, iOS 11, Mac OS ElCapitan - High Sierra (Safari with Java)
	PoE Power Supply	DC 48V, 2.0A (96 watts total PoE power available for cameras)
	Operating Temperature	32 to 113 °F
Operating Humidity	0 to 90% Relative Humidity (non-condensing)	
Weight (Main Unit only)	5.5 lbs (2.5kg) without HDD	
Weight (Ready to ship)	6.6 lbs (3kg) without HDD	
Dimension(Main Unit)	14.9" (Width) x 1.85" (Height) x 12.5" (Depth)	
Conformity Certification	FCC, CE	



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Specifications are subject to change without notice.