

# Sharx HTNR16560

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



## Key Functions

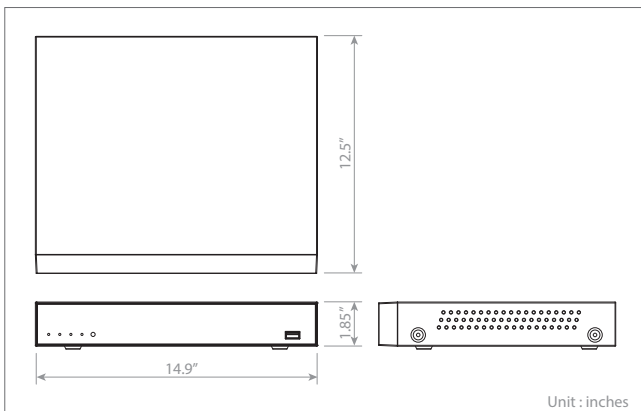
- H.264 High Profile hardware Codec
- S.M.A.R.T. Hard Disk Check
- Video / Audio Clip Overwrite Protection Feature
- Still Image Capture and Direct Print Feature
- Data Authentication Feature
- DDNS, UPnP, NAT Traversal Feature for Remote Access
- Small Recording File Size with Crystal Clear Picture Quality
- Adjustable Recording Frame Rate, Resolution and Picture Quality
- Video/Audio Data Backup in AVI / H.264 Format
- Advanced Event Search Function
- Self-Diagnosis and Hardware Watchdog
- Built in Gigabit PoE Switch and DHCP server for easy camera connection
- PC & Mac client software, PC & Mac (IE/Safari) webviewer, iOS & Android apps
- New for 2019:
  - “Warp” feature for NVR-to-NVR remote screen viewing & control
  - “Smart Search” feature to find motion events in a specific display area

## Compatible Sharx IP Cameras

- HTNC4410M** (2 Megapixel IR bullet, 10 x autofocus zoom)
- HTNC4403DM** (2 Megapixel IR dome, 3 x motorized zoom)
- HTNC4420PTZ** (2 Megapixel PTZ dome, 20 x autofocus zoom)
- HTNC4430XIR** (IR PTZ, 30 x AF zoom, extended IR 1200 ft night vision)
- HTNC4300DM** (3 Megapixel indoor wide angle dome with de-warp)
- HTNC5404M, HTNC5404DM** (4 Megapixel IR bullet / dome, 4 x zoom)
- HTNC4503M, HTNC4503DM** (5 Megapixel IR bullet / dome, 3 x zoom)

Note1: HTNC4410M can be recorded, displayed and controlled by the NVR but must be powered with a PoE+ injector such as PSW4824-POE from L-com.com  
 Note2: HTNC4430XIR can be recorded, displayed and controlled by the NVR but must be powered with the 56V H-PoE injector included with that camera model

## Dimensions



Unit : inches

## 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 PoE switch with 802.3af support for easy camera hookup
- Optimized for Sharx Security HTNC Series commercial grade PoE cameras
- Supports many other ONVIF and RTSP compatible IP cameras from full HD to 5 MP
- PC and Mac compatible with free software and free iOS / Android app
- 480 fps recording performance, first 4 channels support up to 5 MP, rest up to 3 MP
- 2 Internal drive bays supporting up to 12 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 2019: 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	PoE 802.3af
	Resolution	5M/3M/1080p/960p/960H/D1/VGA
Monitor Output	Protocol	ONVIF v2.3 Base
	HD Video Output	HD 15-pin and HDMI available simultaneously for live dual HD 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)
	Recording FPS	Full-HD or 3 MP @ 480fps, first 4 camera positions support 4 MP or 5 MP
	Recording Throughput	Up to 8 Mb per camera, 128 Mbps total
Remote Monitoring/Control	Still Image Capture	Live or Playback image local capture and backup for legal evidence
	Internal Hard Drive	2x SATA (Max. 24T HDD)
Playback	External Sensor Input	8
	Alarm Output	1
	Data Backup Drive Connection Port	USB 3.0
	Video Content Analysis	Supported with Sharx Security HTNC series cameras
Features	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	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, Android, iOS 12, Mac OS ElCapitan - Mojave
	PoE Power Supply	DC 56V, 2.5A (120 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)	9 lbs (4kg) without HDD	
Dimensions(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.