



Sharx HTNC4430XIR

Full HD 60 fps Outdoor PTZ 30x Zoom 1300 ft IR Night Vision



Key Functions

- Auto Exposure, Auto White Balance, Backlight Compensation
- Triple Stream (H.264, MJPEG) for simultaneous access to lo and hi resolution
- Onvif Profile S for compatibility with existing NVRs or software
- Easy Installation with IP Discovery software for Windows or Bonjour for Mac
- Full support for Internet Explorer, partial support for other browsers
- Advanced Intelligent Health Management automated diagnostic notification
- Event Boosting, FTP Image Upload, Open VPN, QoS, IP Filtering
- Privacy Masking with Face Detection
- Event Buffering for showing video prior to motion detection or other event

Similar Models in this series

- HTNC4410M** (10x motorized zoom bullet)
- HTNC4503M, HTNC4503DM** (5 Megapixel, 3x zoom IR bullet and dome)
- HTNC4403DM** (IR dome, 3x zoom)
- HTNC4420PTZ** (PTZ dome, 20x zoom)

Software

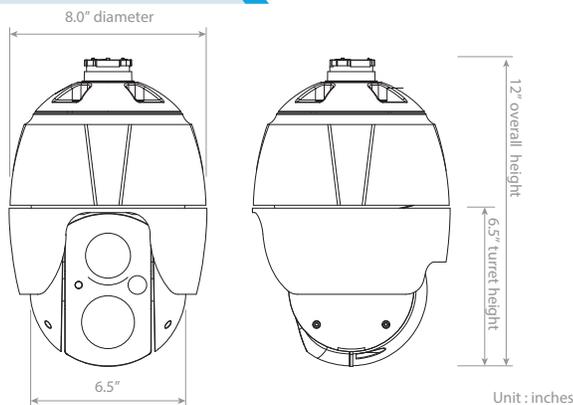
- Includes free Titanium V2 256 camera viewing software for PC and Mac (requires MicroSD or Sharx Security NVR for recording, NVR recommended)
- Supports Milestone VMS (free for 8 cameras, any resolution, no time limit)
- Supports 16 Camera Blueiris on PCs, 16 camera SecuritySpy on Mac
- Supports Luxriot, Genetec, Aimetis, SightHound, OpenALPR, IPTimeLapse, VLC

Optional Sharx Accessories

- HWPTZ** Extra heavy duty wall mount bracket
- HTCP2701:** PoE power + networking for up to 1.5 miles range over coax
- HTNR16560:** 480 fps 16-camera NVR with PoE, up to 24 TB local storage
- HTNR32620:** 960 fps 32-camera NVR with PoE, up to 48 TB local storage
- HTVM64600:** 1920 fps 64-camera 2/4/8 NVR Link, up to 48 TB offsite storage
- HTVM80600S:** 3840 fps 128-camera 2/4/8 NVR Link, up to 96 TB offsite storage

NOTE: HTNR16560 and HTNR32620 can provide power for standard PoE cameras but this model HTNC4430XIR must be powered by the high power 56V PoE+ injector included with the camera

Dimensions



Key Features

- Full HD (1920x1080) 60 fps for capturing fast motion or 30 fps for higher light sensitivity
- Motorized Vari-Focal 4.3 to 129 mm, full PTZ motorized 30 x optical zoom and auto focus
- True Day & Night mode with 400m / 1300 ft IR night vision in total darkness
- True Wide Dynamic Range (120dB)
- 360 degrees endless pan / rotation, 380 degrees per second pan or tilt speed with presets
- 100 degrees tilt range
- 256 preset PTZ settings including tours, scans, privacy and motion presets
- Solid metal base. A matching wall bracket HWPTZ is required, available from Sharx Security
- MicroSDHC Card up to 256 GB (optionally available from Sharx Security)
- High Power PoE, 12VDC (56 V PoE power supply is included)
- Suitable for US government applications - made in Korea without Huawei components**

Technical Specifications

Model	Sharx Security HTNC4430XIR - made in South Korea	
IMAGE		
Lens	Motorized Vari-Focal Optical Zoom 30X, 4.3~129mm	
Angle of View	65° (moderate wide angle) ~ 2.23° (super telephoto)	
Image Sensor	Type	1/2.8" SONY STARVIS CMOS Sensor
	Pixels	1945(H)x1097(V)
Min. Illumination	Color : 0.35Lux / BW : 0.013Lux@50IRE, 0Lux(IR LED On)	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR(120dB)	
Day and Night Mode	True Day & Night	
Noise Reduction	3DNR	
Digital Zoom	16X	
Exposure Control	Auto, Manual, Shutter Priority, Iris Priority	
White Balance Control	Auto, Fluorescent, Incandescent, Outdoor, Manual	
Back Light Compensation	Yes	
Image Effect	Flip	
Shutter Speed	30 fps : Auto(1/30,000 to 1/3 sec), Manual	
	60 fps : Auto(1/50,000 to 1/8 sec), Manual	
IR Illuminator	Quantity	Synchronized IR LED, Fixed IR LED
	Angle	5~60°
	Distance	Up to 1300 ft (400m)
VIDEO/AUDIO		
Compression	H.264(Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	1920x1080, 1280x1024, 1280x720/960, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 60 fps @ Full HD	
Streaming	Max 60 fps(Dual Stream : H.264x1, MJPEGx1)	
	Max 30 fps(Triple Stream : H.264x2, MJPEGx1)	
Audio Compression	AAC or G.711 (with user supplied external amplified microphone)	
Audio Streaming	2 Way (with user supplied external amplified speaker)	
PTZ FUNCTION		
Pan Range	360° Endless	
Pan Speed	Max. 380°/sec.(Preset)	
Tilt Range	-10~90°	
Tilt Speed	Max. 380°/sec.(Preset)	
Presets, Tours, Patterns	256 including 8 tours, 8 scan patterns, home function	
SYSTEM		
Video Contents Analysis	Image Stabilization, Face Detection, Tampering, Line & Field Detector	
Motion Detection Area	16 Programmable Areas (8 Include Areas, 8 Exclude Areas)	
Privacy Masking	16 Programmable Zones	
Email Attachment and FTP Upload	JPEG	
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert, AIHM	
Audio Alert	User-Defined 3 Audio Files	
Login Authority	Administrator, Operator, Guest	
Event Buffering	FTP	Pre : 30sec, Post : 30sec
	SD Record	Pre : 10sec, Post : 60sec
Manual Trigger	4 Programmable Triggers	
Security	Multi User Authority, IP Filtering, HTTPS & SSL (for admin/settings)	
Network Time Sync	NTP Server, Synchronized Computer, Manual	
Software Reset	Restart, Reset, Factory Default	
Hardware Factory Reset	Yes	
Auto Recovery	Backup, Restore	
Remote Upgrade	Yes	
SD Recording Mode	Event, Continuous	
NETWORK		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTPC, DHCP, ARP, Zeroconf, Bonjour	
Client Software	Internet Explorer, Titanium, Milestone, LuxRiot, Blueiris, SecuritySpy, VLC	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	Mobilinc, tinyCam, ONVIF compatible apps, free Titanium for use with NVR	
EXTERNAL IN/OUT		
Audio	1 Input, 1 Output(RCA Mono Jack)	
Alarm	4 Input, 1 Output	
Ethernet	RJ-45(10/100Base-T)	
u-SD Card	MicroSDHC, MicroSDXC (Max 256GB, class 10 or faster)	
ETC		
Operating Humidity	0 to 100 % RH (Weatherproof in rain, snow, ice conditions)	
Operating Temperature	-22 degrees F to +149 degrees Fahrenheit (-30 to +65 °C)	
Power Supply	56 V High Power PoE Injector (included), or 12VDC	
Power Consumption	500mA (28W) @ PoE	
	2,300mA (28W) @ 12VDC	
Dimension	8.0" diameter x 12" height	
Net Weight	Approx. 10.8 lbs (4.9kg)	
Ingress Protection	IP66	

Specifications are subject to change without notice.



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