

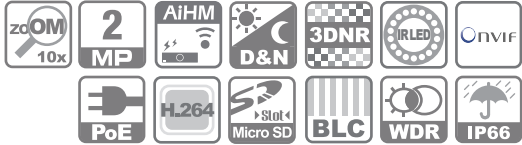


# Sharx HTNC4410M

Full HD 60 fps Outdoor Day/Night Camera, Motorized 10x Zoom

## Key Features

- Full HD(1920x1080) 60fps for capturing fast motion or 30fps for higher light sensitivity
- Motorized Vari-Focal 5.1~51mm, motorized 10 x optical zoom and auto focus
- True Wide Dynamic Range (120dB)
- True Day & Night
- 32 IR LEDs for 75 ft Night Vision Coverage in total darkness
- Connectors for Audio In/Out (1/1), Alarm In/Out (1/1)
- Solid metal construction, cable connection concealed in camera mount
- MicroSDHC Card Up to 128 GB (cards optional, purchase from Sharx Security)
- PoE, 12VDC (power supply not included)



## 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 PC or Mac 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, Web Casting, 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

- HTNC4404M (4 x motorized zoom), 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)

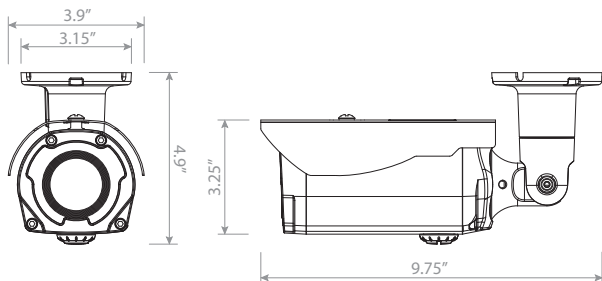
## Software

- Includes free 64 Camera Recording / Viewing Software for Windows 7 - 10
- Supports free 9 Camera LuxRiot EVO
- Supports 16 Camera Blueiris on PCs, 16 camera SecuritySpy on Mac
- Supports 24 Camera LuxRiot EVO S (when purchased from Sharx Security)
- Supports 80 - 2000 Camera IP-Matrix (when purchased from Sharx Security)
- Supports 5000 Camera LuxRiot Global (when purchased from Sharx Security)

## Optional Sharx Accessories

- HJB Outdoor Junction Box with concealed cabling, suitable for pre-wiring
- 16 GB - 128 GB MicroSD card available pre-formatted and ready to install
- HTNR16560: 240 fps NVR, up to 20 TB storage, PoE power for 16 cameras

## Dimensions



## Technical Specifications

Model	Sharx Security HTNC4410M	
<b>IMAGE</b>		
Lens	Motorized Vari-Focal Zoom 5.1 to 51.0 mm, built in Auto IRIS	
Angle of View	54° (standard perspective) to 4.9° (telephoto), horizontal measurement	
Image Sensor	Type	1/2.8" SONY Starvis CMOS Sensor
	Pixels	1945 (H) x 1097 (V)
Min. Illumination	Color : 0.35Lux / BW : 0 Lux, 50 IRE (IR LED On)	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR(120dB)	
Day and Night Mode	True Day & Night (Auto, Day, Night)	
Noise Reduction	3DNR	
Digital Zoom	16X	
Exposure Control	Auto, Manual, Shutter Priority, Iris Priority	
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor	
Back Light Compensation	Yes	
Image Effect	Flip (upside down)	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Auto (1/30,000 to 1/3 sec), Manual	
IR Illuminator	Quantity	32 IR LEDs, adjustable strength
	Angle	78°
	Distance	Up to 75 ft (25m) IR night vision in total darkness 0.3 ft (zoomed out) - 3 ft (zoomed in)
Minimum Focus Distance	0.3 ft (zoomed out) - 3 ft (zoomed in)	
<b>VIDEO/AUDIO</b>		
Compression	H.264 (Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	1920x1080, 1280x720/960/1024, 1024x768, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 60fps @ Full-HD	
Streaming	60fps (Dual Stream : H.264x1, MJPEGx1), 30fps (Triple Stream : H.264x2, MJPEGx1)	
Composite Out	Yes (requires special cable accessory, not included)	
Audio Compression	G.711 (with user supplied external amplified microphone)	
Audio Streaming	2 Way (with user supplied external amplified speaker)	
<b>SYSTEM</b>		
Video Contents Analysis	Image Stabilization, Face Detection, Tampering, Line & Field Detector	
Motion Detection Area	16 Programmable Areas (8 Include Areas, 8 Exclude Areas)	
Special Features	Aisle mode (90 or 270 degree rotation), 8 Privacy Zones	
Email Attachment or 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 (with lens control), 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	
<b>NETWORK</b>		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software compatibility	Internet Explorer, SmartManager, Titanium, LuxRiot, Blueiris, SecuritySpy	
Max. User Connection	Live : up to 10 Users, Playback : up to 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	User definable stream works in Mobilinc Cam viewer and other apps	
<b>EXTERNAL IN/OUT</b>		
Video Composite Out	3.5mm jack for optional accessory monitor	
Audio	1 Input, 1 Output(3.5mm Stereo Jack)	
Alarm	1 Input, 1 Output(Terminal Block)	
Ethernet	RJ-45(10/100Base-T)	
u-SD Card	SDHC(Max. 128 GB, card must be purchased from Sharx Security)	
OSD Remote Control	Wired Remote Controller(3.5mm Stereo Jack, Optional)	
<b>ETC</b>		
Operating Humidity	0 to 100 % RH (Weatherproof in rain, snow, ice conditions)	
Operating Temperature	-22 to +120 degrees F (-30 to +50 °C)	
Power Supply (not included)	PoE+ (IEEE802.3 at Compliance) or 12VDC	
Power Consumption	470mA (22.6W) @ PoE, 1.16 A (14W) @ 12VDC @ above 40 degrees F 2.5A(30W) @ 12VDC at below 40 degrees F due to built in heater	
Dimension	3.9" (Width) x 4.9" (Height) x 9.75" (Depth)	
Net Weight	2.3 lbs (1.04 kg)	
Ingress Protection	IP66	



www.sharxsecurity.com  
info@sharxsecurity.com  
Copyright © 2017 Sharx Security, Inc. All rights reserved.

Specifications are subject to change without notice.