



# Sharx HTNC5404M

4 Megapixel Outdoor Day/Night Camera, Motorized 4x Zoom



## Key Functions

- Video Analytics: Intelligent Motion Detection, Intrusion and Tamper Detection
- Quad Stream (H.264/H.265, MJPEG) for simultaneous access to lo and hi res
- 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
- Event Buffering for showing video prior to motion detection or other event

## Other Models in this series

- HTNC5404DM (same camera in mini dome housing)
- HTNC5803M, HTNC5803DK (4K / 8MP bullet and dome versions)
- HTNC5830XIR (IR PTZ, 30 x zoom, 4K / 8 MP, extended IR 650 ft night vision)
- HTNC6000D (12 MP fish eye dome with browser based de-warp)

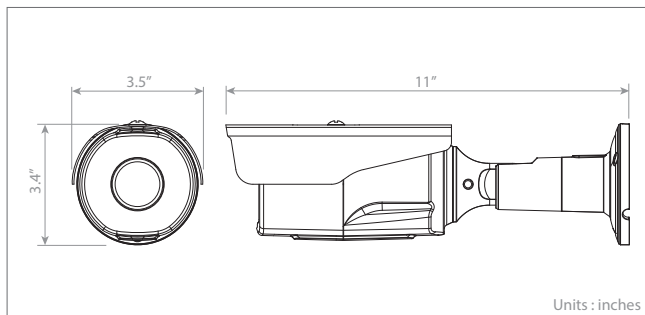
## Software

- 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

- HJB outdoor junction box, original rectangular shape, suitable for pre-wiring
- HCB indoor / outdoor conduit box, round, compatible with pole mount HCPM
- HCPM heavy duty corner mount / pole mount, requires HCB conduit box
- HTC2701: PoE power + networking for up to 1.5 miles range over coax
- HTNR16560: 480 fps 16-camera 5 MP NVR (16 PoE), up to 24 TB storage
- HTNR16621: 480 fps 16-camera 4K NVR (16 PoE), up to 24 TB storage
- HTNR32620: 960 fps 32-camera 4K NVR (16 PoE), up to 48 TB 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

## Dimensions



## Key Features

- 4 Megapixel Resolution @ 30 fps, H.264 or H.265
- Motorized Varifocal 2.8 to 12 mm Lens, Motorized 4x optical zoom with smart focus
- True Day & Night
- Wide Dynamic Range (color during the day, black & white with IR at night)
- 34 high power IR LEDs for up to 40 m / 130 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
- Mounts to wall, eave or ceiling with or without optional square or round junction box
- MicroSDHC or MicroSDXC card up to 256 GB
- PoE, 12VDC (power supply not included, camera can be powered by Sharx Security NVR)

## Technical Specifications

Model		Sharx Security HTNC5404M - made in South Korea
<b>IMAGE</b>		
Lens		Motorized Varifocal Zoom 2.8~12mm, F1.6, built in P Iris
Angle of View		97° (wide angle) to 31° (moderate telephoto), horizontal measurement
Image Sensor	Type	1/3" CMOS Sensor
	Pixels	2688(H)x1520(V)
Min. Illumination		Color : 0.1Lux / BW : 0 Lux@ F1.6 (IR LED On)
Scanning Mode		Progressive Scan
Wide Dynamic Range		WDR, 3 levels (low, medium high)
Day and Night Mode		True Day & Night (Auto, Day, Night)
Noise Reduction		3DNR
Digital Zoom		Yes
Exposure Control		Auto
White Balance Control		Auto, Incandescent, Fluorescent, Outdoor, Manual
Metering Mode		Spot, Center, Average, Left, Right, Bottom
Image Effect		Flip, Mirror, Defog
Flicker Free Mode		50Hz, 60Hz
Shutter Speed		Auto(1/20,000 to 1sec), Manual
IR Illuminator	Quantity	34 IR LEDs, adjustable strength
	Angle	76°(H)
	Distance	Up to 100 ft / 30 m IR night vision in total darkness
Motorized Lens Control		Yes
<b>VIDEO/AUDIO</b>		
Compression		H.264/H.265 (Baseline, Main, High Profile), MJPEG
Bitrate Control		CBR, CVBR
Resolution		2592x1520, 2048x1520, 1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x480, 320x240
Frame Rate		Max 30 fps @ all resolutions with WDR off, 25 fps with WDR on
Streaming		Quad Stream : H.264 / H.265x3, MJPEGx1
Composite Out		No
Audio Compression		G.711 (with user supplied external amplified microphone)
Audio Streaming		2 Way (with user supplied external amplified speaker)
<b>SYSTEM</b>		
Video Analysis		Intelligent motion detection, intrusion detection, tampering
Motion Detection Area		16 Programmable Areas (8 Include Areas, 8 Exclude Areas)
Privacy Zones		4 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, 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
Network Time Sync		NTP Server, Computer Sync, Manual
Software Reset		Restart, Reset, Factory Default
Hardware Factory Reset		Yes
Auto Recovery		Backup, Restore
Remote Upgrade		Yes, through web browser, SmartManager or Titanium software
SD Recording Mode		Event, Continuous
<b>NETWORK</b>		
Protocol		TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTPC, DHCP, ARP, Zeroconf, Bonjour, OpenVPN
Client Software		Internet Explorer, Titanium, Milestone, LuxRiot, Blueiris, SecuritySpy, VLC
Max. User Connection		Live : up to 10 Users, Playback : up to 3 Users
API Support		Open API, Onvif Compliance
Mobile Support		Mobilinc, tinyCam, ONVIF compatible apps, free Titanium for use with NVR
<b>EXTERNAL IN/OUT</b>		
Audio		1 Input, 1 Output(Terminal Block)
Alarm		1 Input, 1 Output(Terminal Block)
Ethernet		RJ-45(10/100Base-T)
u-SD Card		MicroSDHC, MicroSDXC (Max 256GB, class 10 or faster)
<b>ETC</b>		
Operating Humidity		0 to 100%RH (Weatherproof in rain, snow, ice conditions)
Operating Temperature		-4 to +120 degrees Fahrenheit (-20 to +50 °C)
Power Supply		PoE (802.3af compliance), 12VDC
Power Consumption		190mA (8.5 W) @ PoE / 710mA (8.5 W) @ 12VDC
Dimension		3.5" (Width) x 3.4" (Height) x 9" (Length) / 90 (W) x 86 (H) x 279 (D) mm
Net Weight		Approx. 2.25 lbs (1.03 kg)
Ingress Protection		IP66



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Specifications are subject to change without notice.