Sharx HTNC2404TM

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

4 MP | **H.265** | **H.264** | **Onvif** | **3DNR** | **VIDEO ANALYTIC** | **PoE** | **D&N** | **IR LED** | **IP66**

Key Features

▪ 4 Megapixel Resolution, H.264 or H.265 - 20 fps @ 4 MP, 30 fps @ 2 MP / full HD 1080P
 Note: For 30 fps @ 4 MP consider the higher performance model HTNC5404M
▪ Motorized Varifocal 2.8 to 12 mm F1.6 Lens, Motorized 4x optical zoom with smart focus
▪ True Day & Night
▪ Basic Wide Dynamic Range (color during the day, black & white with IR at night)
▪ 40 IR LEDs for up to 80 ft / 25m night vision coverage in total darkness
▪ Simple connection: only Ethernet (PoE) and 12 V DC
▪ Solid metal housing, cable connection concealed in camera mount
▪ Mounts to wall, eave or ceiling
▪ PoE, 12VDC (power supply not included, camera can be powered by Sharx Security NVR)

Key Functions

▪ 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
 (free Titanium V2 software for PC / Mac can also discover & setup IP address)
▪ Full support for Internet Explorer, partial support for other browsers
▪ Event Boosting, FTP Image Upload, Open VPN, QoS, IP Filtering
▪ Event Buffering for showing video prior to motion detection or other event
▪ Video Analytics: intelligent motion, intrusion, tamper detection

Other Models in this series

▪ **HTNC2201T** (smaller, less expensive 2MP turret camera without zoom)
▪ **HTNC2404M** (same 4MP / 4X zoom camera in bullet style housing)
▪ **HTNC5404DM** (higher performance mini dome camera with 30 fps @ 4 MP)
▪ **HTNC5803DM** (much higher performance 4K - 8 MP / 30 fps camera)
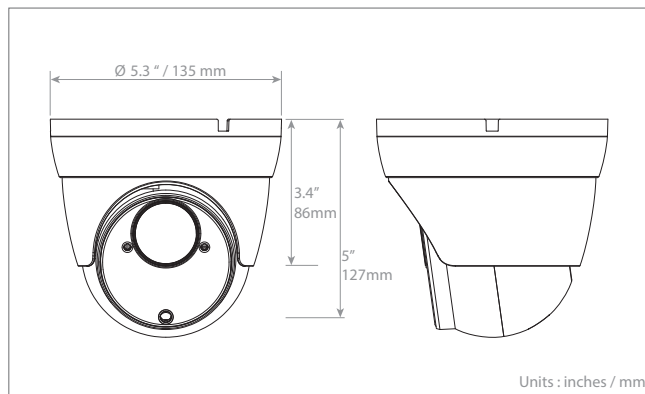
Software

▪ Includes free Titanium V2 256 camera viewing software for PC and Mac
 (requires Sharx Security NVR for recording)
▪ 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

▪ **HCB** indoor / outdoor conduit box, round, compatible with pole mount **HCPM**
▪ **HCPM** heavy duty corner mount / pole mount, requires **HCB** conduit box
▪ **HTCP2701:** 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

Ø 5.3 " / 135 mm

3.4" 86mm

5" 127mm

Units : inches / mm

Technical Specifications

Model		Sharx Security HTNC2404TM
IMAGE		
Lens		Motorized Varifocal Zoom 2.8~12mm
Angle of View		94° (wide angle) to 34° (moderate telephoto), horizontal measurement
Image Sensor	Type	1/3" CMOS Sensor
	Pixels	2688(H) x 1520(V)
Min. Illumination		Color: 0.1Lux@F1.6, B/W: 0Lux@F1.6, IR LED On
Scanning Mode		Progressive Scan
Wide Dynamic Range		Basic Wide Dynamic Range (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, 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	40 IR LEDs, fixed strength
	Angle	90°(H)
	Distance	Up to 80 ft / 25 m IR night vision in total darkness
Motorized Lens Control		Yes
VIDEO/AUDIO		
Compression		H.264/H.265 (Baseline, Main, High Profile), MJPEG
Bitrate Control		CBR, CVBR
Resolution		2592x1520, 2304x1296, 1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, 720x480 (D1), 640x480, 400x240, 320x240 (CIF)
H.264/H.245 Frame Rate		4 MP capture mode: 20 fps, 2 MP capture mode: 30 fps
Streaming		Quad Stream : H.264 / H.265x3, MJPEGx1
Composite Out		No
Audio Compression		No
Audio Streaming		Not supported, consider HTNC5404DM if you need audio
SYSTEM		
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		Not supported
Login Authority		Administrator, Operator, Guest
Event Buffering	FTP	Pre : 30sec, Post : 30sec
	SD Record	No SD / MicroSD support
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		Not supported, consider HTNC5404DM if you need MicroSD recording
NETWORK		
Protocol		TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, 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
EXTERNAL IN/OUT		
Audio		Not supported: consider HTNC5404DM if you need audio
Alarm		Not supported: consider HTNC5404DM if you need alarm I/O
Ethernet		RJ-45(10/100Base-T)
MicroSD Card		Not supported, consider HTNC5404DM if you need MicroSD recording
ETC		
Operating Humidity		0 to 100% RH (Weatherproof in rain, snow, ice conditions)
Operating Temperature		-4 to +120 F (-20 to +50℃) Note: model HTNC4410M has wider range
Power Supply		PoE (802.3af compliance), 12VDC
Power Consumption		175 mA (8.4 W) @ PoE / 550 mA (6.6 W) @ 12VDC
Dimension		5.3" (Diameter) x 5" (Height) / 135 mm (Diameter) x 127 mm (Height)
Net Weight		Approx. 1.7 lb (770 g)
Ingress Protection		IP66

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Specifications are subject to change without notice.