

Key Functions

- Multi-shutter electronics for up to 5 individually adjustable shutter speeds
- Supports H264 LPR software at full HD resolution up to 60 fps frame rate (Tested with OpenALPR at full H.264 resolution, full frame rate)
- Supports MJPEG LPR software at full HD @ 2 fps or 704 x 576 @ 30 fps (Tested with Milestone LPR, Luxriot LPR at supported MJPEG frame rates)
- 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

Similar Models in this series

- **HTNC4410M** (same 10X zoom bullet camera without license plate support)
- **HTNC4503M, HTNC4503DM** (5 Megapixel, 3x zoom IR bullet or dome camera)
- **HTNC4403DM** (IR dome, 3 x zoom)
- **HTNC4420PTZ** (PTZ dome, 20 x zoom)
- **HTNC4430XIR** (IR PTZ, 30 x zoom, extended IR 1300 ft night vision)

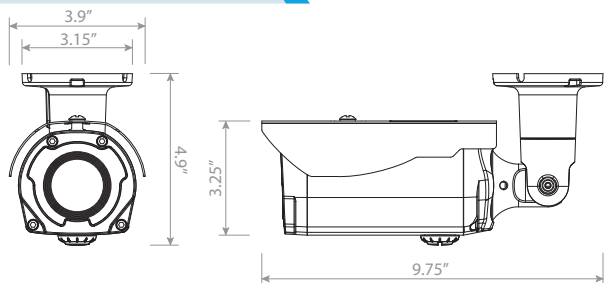
Software

- 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 with concealed cabling, suitable for pre-wiring
- **HCB** Outdoor conduit box, round, can be used 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 with 16 PoE, up to 24 TB storage
- **HTNR32620:** 960 fps 32-camera 4K NVR with 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



Sharx HTNC4410LPC

Full HD 60 fps License Plate 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 to 51mm, motorized 10 x optical zoom with auto focus
- Special IR optics and multi-shutter electronics for license plate capture
- 32 IR LEDs for up to 75 ft IR range. Add a Sharx HTNC4430XIR to extend up to 650 ft
- Connectors for Audio In/Out (1/1), Alarm In/Out (1/1)
- Solid metal construction, cable connection concealed in camera mount
- Mounts to wall or eave with or without optional junction box (pole mount available)
- MicroSDHC card up to 256 GB
- Powered by PoE+ (802.3at) or 12VDC (power supply not included)
- Suitable for US government applications - made in Korea without Huawei components

Technical Specifications

Model		Sharx Security HTNC4410LPC - made in South Korea
IMAGE		
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)
Image Sensor mode	Black & White, for color support consider non-LPC model HTNC4410M	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	True WDR(120dB) supported, not typically used for license plate capture	
Day and Night Mode	License plate optics / electronics work in black & white during day & night	
Noise Reduction	3DNR	
Digital Zoom	16X	
Exposure Control	Manual, Multi-shutter, Iris priority	
White Balance Control	Black & White only	
Back Light Compensation	Support, but not typically used for license plate capture	
Image Effect	Flip (upside down)	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Multi-shutter support for cycling through up to 5 separate speeds	
IR Illuminator	Quantity	32 IR LEDs, adjustable strength, supplemental IR source recommended
	Angle	78°
Minimum Focus Distance	Distance	Up to 75 ft (25m). Note: High shutter speeds require additional IR light
		3 ft
VIDEO/AUDIO		
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 H.264, Max 2fps @ Full-HD or 30fps @ 704x576 MJPEG	
Streaming	60fps (Dual Stream : H.264x1, MJPEGx1), 30fps (Triple Stream : H.264x2, MJPEGx1)	
Composite Out	Yes (requires special cable accessory, not included)	
Audio Compression	AAC or G.711 (with user supplied external amplified microphone)	
Audio Streaming	2 Way (with user supplied external amplified speaker)	
SYSTEM		
Video Contents Analysis	Image Stabilization, 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	
NETWORK		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software compatibility	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		
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)	
MicroSD Card	MicroSDHC, MicroSDXC (Max 256GB, class 10 or faster)	
OSD Remote Control	Wired Remote Controller(3.5mm Stereo Jack, Optional)	
ETC		
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+ (802.3 at Compliance, Class 4 only) or 12VDC	
Power Consumption	Less than 15 watts when heater is not active (typically above 45 degrees F) 470mA (23W) @ PoE or 1.6A(19W) @ 12VDC when built in heater is active	
Dimensions	3.9" (Width) x 4.9" (Height) x 9.75" (Depth)	
Net Weight	2.3 lbs (1.04 kg)	
Ingress Protection	IP66	



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Specifications are subject to change without notice.