



Sharx HTNC4410M

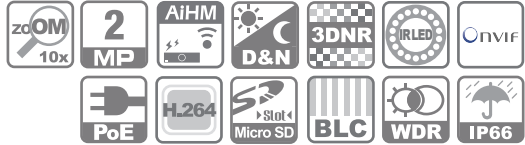
Full HD 60 fps Outdoor Day/Night Camera, Motorized 10x Zoom

Key Features

- Full HD(1920x1080) 60fps for capturing fast motion or 30fps for higher light sensitivity
- Motorized Vari-Focal 5.1 to 51mm, motorized 10 x optical zoom with 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
- Mounts to wall, eave or ceiling with or without optional junction box HJB
- MicroSDHC card up to 256 GB (optionally available from Sharx Security)
- 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 HTNC4410M - 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) | |
| 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 | |
| Minimum Focus Distance | 0.3 ft (zoomed out) - 3 ft (zoomed in) | | |
| 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 | | |
| 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, 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 | | |
| 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) or 12VDC | | |
| Power Consumption | Less than 15 watts when heater is not active (typically above 45 degrees F) 470mA (23W) @ PoE or 2.5A(30W) @ 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 | | |



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, 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

- HTNC4410LPC (HTNC4410M special version for license plate capture at night)
- 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)

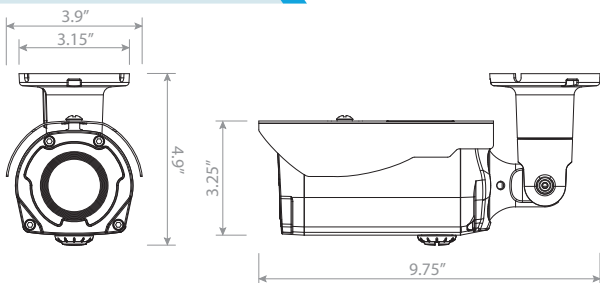
Software

- 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



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