



8.0 Megapixel IP

4K 8.0 MEGAPIXEL 120' IR H.265+ OUTDOOR TURRET DOME IP SECURITY CAMERA

Combine 4K resolution with H.265+ compression for the best results in video surveillance

- + 8.0 MP High-Performance CMOS produces HD video at @ 20fps, and 2560 x 1920 @ 30fps
- + 2.8 mm fixed lens offers 102° Field of View coverage
- + 0.01 Low Lux rated for improved night-time performance
- + H.265+ compression – Improves image quality and reduces bandwidth and storage requirements
- + Innovative Full Frame Illumination technology with long-range IR reduces overexposure of the IR LEDs at the center of the image, increases illuminant efficiency up to 30%, produces LED light in rectangle form to better fit screen size, and captures images up to 120' in the dark without washing out the subject at closer ranges
- + 120 dB Wide Dynamic Range (WDR) and True Day/Night (ICR) features produce more detailed images any time of day
- + Advanced Video Content Analytics (VCA) include line crossing, intrusion, object removal, face, and unattended baggage detection
- + ONVIF Profile S, Profile G, PSIA, CGI, and ISAPI Compliant for greater device compatibility
- + Local storage includes micro SD card, SDHC, SDXC (not included) up to 128 GB
- + Free Alibi Witness iOS/Android App – View your video remotely from anywhere
- + Temperature rating of -22° to 140°F ensures camera operates in extreme weather conditions
- + IP67 weather-rated enclosure ensures the camera is protected from particles such as dust, sand, and rain

What's Included:

- + (1) 8.0 MP IP IR Turret Dome Security Camera
- + (1) Mounting template
- + (1) Mounting hardware
- + (1) Quick start guide



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KEY FEATURES AND CAPABILITIES

Megapixel Resolution – Cover more area and see more detail. Megapixel cameras can cover a larger area without compromising image quality, providing the level of detail needed for facial recognition and license plate identification.

H.265+ Compression – Improves image quality and reduces bandwidth requirements. H.265+ format provides superior improvements in image quality and bandwidth. It also allows for faster, more fluid remote viewing, along with the ability to view more channels remotely.

With H.265+ compression, you can store more information using fewer hard drives, which allows you to do more with less, and dramatically reduce file sizes with this latest video compression format.

Full Frame Illumination Smart IR array – See clear, sharp images up in the dark. Full frame illumination technology on this camera delivers a wider illumination spread and offers several advantages over standard IR, including:

- Produces clearer, brighter images in low light and at night
- Delivers a wider illumination spread
- Unique rectangular IR LED design produces a uniformly illuminated image across the entire screen
- Reduces overexposure at the center of the image and eliminates hot spots
- Eliminates blooming from lights by reducing ambient light pollution
- Reduces video noise for a clearer nighttime image, along with reducing bandwidth consumption and video storage requirements
- Delivers 30% greater energy efficiency

Wide Dynamic Range (WDR) – Gain better images in diverse lighting conditions. This feature enables the camera to take multiple images while capturing video at different exposure levels. It combines the images for the best balance, and compensates for lights and darks for perfectly exposed images in both bright and shadowed areas of a diversely lit scene. True WDR also reduces video noise.

3D Digital Noise Reduction (3D-DNR) – Get exceptional video image quality with less noise. 3D-DNR incorporates frame-to-frame noise reduction with spatial noise reduction to produce clear video images with less noise, in low light conditions.

True Day/Night (ICR) – Enjoy around-the-clock surveillance. Our day/night cameras with true day/night (ICR) deliver a sharp image in low light and nighttime conditions. An IR cut filter blocks out infrared light to produce true-to-life color images during the daytime.

Advanced Video Analytics – Get more from the camera using Video Content Analytics (VCA).

- Line Crossing Detection Cross: one pre-defined virtual line supported
- Intrusion Detection: Enter and loiter in a pre-defined virtual region, up to 1 supported
- Object Removal Detection: Objects removed from the pre-defined region
- Unattended Baggage Detection: Objects left over in the pre-defined region such as the baggage and dangerous materials
- Face Detection: Human face appears in the image can be detected and trigger linkage method

Free Alibi Witness iOS/Android App – View your video remotely from anywhere. Enjoy convenient remote access from your iOS or Android device with a FREE app.

Power over Ethernet (PoE) – Receive power and data through a single cable. PoE allows IP (internet protocol) devices to receive power and data over existing LAN (local area network) cabling. This eliminates the need to install a separate power cable, simplifies installation, and lowers cabling costs.

ONVIF Compliance – Enjoy greater compatibility with more devices. ONVIF (Open Network Video Interface Forum) defines a common protocol for the exchange of information between different network video devices from different manufacturers, to allow greater interoperability in multi-vendor network video systems.

IP67 Weather Rated Enclosure – Ideal for outdoor applications. With a wide range in operating temperatures, it is designed to withstand extreme temperatures and protected from dust and rain.



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SPECIFICATIONS

IMAGING SPECIFICATIONS

AGC Control	Selectable
Camera Resolution	3840 x 2160 , 4K UHD
Day/Night Function	True D/N w/Mechanical cut filter
Digital Noise Reduction (DNR)	3D-DNR
Electronic Shutter (sec)	1/3 s to 1/100,000 s
Flip	Digital Horizontal/Vertical
Imager Size (in)	1/2.8
Imager Type	1/2.5" Progressive Scan CMOS
IR Array Range (ft)	120
IR Wavelength (nm)	850
Lux (B/W)	Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR
Megapixel	8
Wide Dynamic	Yes, 120dB

LENS SPECIFICATIONS

Focus	Fixed
Lens Type	Fixed
Focal Length (mm)	2.8mm
FOV (degrees)	102
Relative Aperture (F-stop)	F1.2

CONNECTORS

Digital Outputs	x1
Power over Ethernet (PoE)	802.3af, 802.3at
Power Consumption (watts)	12 VDC ± 25%, 6.2W PoE(802.3af, class 3), 9W
Volts DC Input	12

RECORDING SPECIFICATIONS

Bit Rate	32Kbps - 16Mbps
Compression Format	Supports H.265+/H.265/ H.264OVC/H.264/MJPEG
Email Notification	Yes
Event Log	Yes
Event Notification	Yes
Frame Rate (fps)	8MP 20 fps (3840 × 2160), 30 fps (2560 × 1920, 2560 × 1440, 1920 × 1080, 1280 × 720)
Motion Detection	Yes
Privacy Video Block	Yes
Selectable Frame Rate	Yes
Storage Capacity (GB)	Up to 128, micro SD not included
Video Analytics Capable	<ul style="list-style-type: none">• Line Crossing Detection• Intrusion Detection• Object Removal Detection• Unattended Baggage Detection• Face Detection
Video Offload Type	.mp4
Video Streaming	Tri Streaming

NETWORKING

Ethernet Interface	RJ-45
Ethernet Ports	1
Ethernet Speed	10/100
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Remote Configuration	Yes
Remote Viewable	Yes

SOFTWARE

Browser Support	yes
Mobile App	iOS & Android

PHYSICAL CHARACTERISTICS

Card Reader Type	Micro SD
Dimensions (in)	5.0" Dia x 3.8" H
Relative Humidity	95% or less (non-condensing)
Operating Temperature (F)	-22 °F - 140 °F
Outdoor	Yes
Product Color	White/Black
Construction	Aluminum
Ingress Protection Rating	IP67
Weight (lb)	.9
Shipping Weight	1.2