

4K

ULTRA HD



MONTAVUE
GO



FEATURES



Infrared Night Vision
Up to 197ft



Starlight Technology
Low light Image sensor



Intelligent Video Surveillance
Tripwire, Intrusion, Motion



High Efficiency Video Coding
50% Better Data Compression

4K HD Vari-Focal Camera with Starlight Technology

This 8mp bullet camera features a 4x Vari-Focal Optical Zoom allowing you to get closer to your subject without having to mount the camera physically closer. The 8MP CMOS image sensor features Starlight technology that provides clear colorful video even in low light conditions and records 30fps at full resolution (20FPS with AI-SMD enabled). After dark the 4 Infrared LED's provide up to 197ft of black and white IR night vision. This camera also features AI technology that can detect humans and vehicles, so you know when a vehicle enters your driveway or someone is at your door. Connect your camera to one of our 4K Network Video Recorders and get a state of the art security experience.

Indoor/Outdoor

- IP67 rated for use outdoors or indoors
- Rugged aluminum metal housing
- Operates in temperatures ranges of -22°F to +140°F

Artificial Intelligence - Alarm Filtering

- Reduce false alarms with Smart Motion Detection
- Filter objects by Human, Vehicle or both
- Get push notifications on your smart phone.

Crystal Clear Video

- 4x the resolution of 1080p gives you clear crisp video
- Capture more with a 113° Field of View (horizontal)
- Low light image sensor allows for color images in low light conditions.

High Efficiency Encoding -HEVC H.265

- Better data compression at the same level of quality
- Smaller files means you can store more footage
- Improves remote viewing by reducing data rates

Product Specifications

Camera

Image Sensor	1/2.8"8 Megapixel progressive CMOS
Max. Resolution	3840 (H) × 2160 (V)
ROM	128 MB
RAM	512 MB
Scanning System	Progressive
Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Min Illumination	0.007 Lux @F1.5
S/N Ratio	> 56 dB
Infrared Distance	60 m (197 ft)
Infrared Control	Auto/Manual
IR LED's	4 (IR LED)

Lens

Lens Type	Motorized vari-focal				
Focal length	2.7 mm - 13.5 mm				
Max Aperture	F 1.5				
Field of View	Horizontal 113° × Vertical 58° × Diagonal 138°				
Close Focus Distance	0.8 m (2.6 ft)				
Iris Type	Fixed				
Dori Distance	Lens	Detect	Observe	Recognize	Identify
	W	85.3 m (279.9 ft)	34.1 m (111.9 ft)	17.0 m (55.8 ft)	8.5 m (27.9 ft)

IVS Features

Rules	Tripwire, Intrusion (human & vehicle)
Smart Search	Integrates with NVR to allow searching for IVS events. Displays snapshots of event and playback

Video

Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by sub stream)
Smart Codec	Smart H.265+ / Smart H.264+
Video Frame Rate	Main stream (3840 × 2160@1–20 fps by default) (3840 × 2160@1–25/30 fps when AI disabled) sub stream (704 × 576@1–25 fps/704 × 480@1–30 fps)
Stream Capability	3 streams

Resolution	8M (3840×2160); 6M (3072×2048); 5M (3072×1728/2592×1944); 4M (2688×1520); 3M (2048×1536/2304×1296); 1080p (1920×1080); 1.3M (1280×960); 720p (1280×720); D1(704×576/704×480); VGA (640×480); CIF (352×288/352×240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 db
White Balance	Auto/natural/street lamp/outdoor/manual/regional
Gain Control	Auto/ Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest	Yes (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1920 × 1080)
Mirror	Yes
Privacy masking	Yes (4 areas)
Smart Illumination	Yes

Audio

Built-in Mic	Yes
Audio Compression	G.711a; G.711Mu; G726

Alarm

Alarm Event	No SD card; SD card full; SD card error; less service time of SD card (smart card supports); network disconnection; IP conflict; illegal access; motion detection; video tampering; intrusion; tripwire; scene changing; audio detection; voltage detection; SMD; safety exception
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Network

Network	RJ-45 (10/100 Base-T)
Interoperability	ONVIF(Profile S/G/T); CGI; P2P; Milestone; Genetec
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; GMP; NFS; SAMBA; PPPoE; SNMP; 802.11x
Scene Self-Adaption	Yes
Storage	FTP; SFTP; Micro SD Card (max. 256GB); NAS
Browser	IE, IE8, IE9, IE11, Chrome, Firefox
Software	MontavueGO PC & Mac
Mobile Apps	MontavueGO Android & Iphone

Operating Conditions

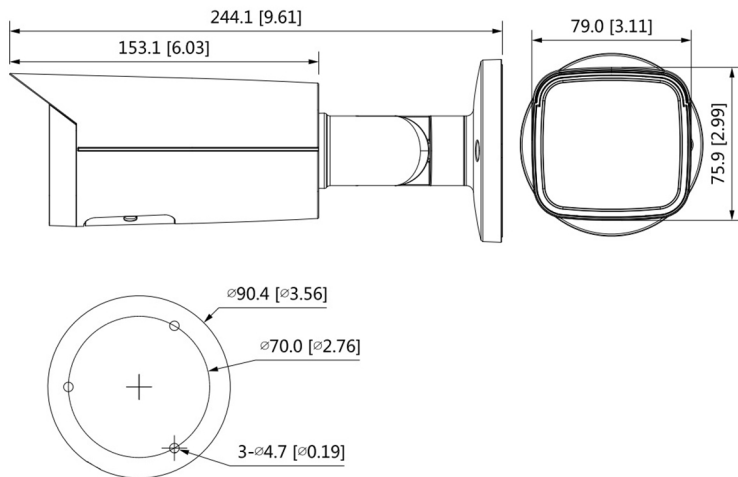
Operating Range: -30°C to +60°C (-22°F to +140°F)/less than 95% RH

Protection Rating: IP67

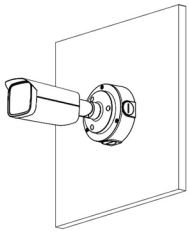
Power Supply: 12V DC/PoE (802.3af)

Power Consumption: < 10.7W

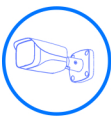
Dimensions:



Optional Accessories (not included)

Junction Box	Example
MAM135	MAM135
	

What's in the box



8MP Bullet Camera



1x Ethernet Cable



Mounting Kit

Disclaimers:

1. Infrared distance is based on ideal conditions in average outdoor nighttime ambient lighting. Actual distance may vary depending on installation location and lighting conditions
2. The accuracy of human and vehicle detection will vary depending on multiple factors, such as the objects distance from the camera, size, height and mounting angle of the camera. Night vision will also affect the accuracy of detection.
3. Not intended for submersion in water. Installation in a sheltered area is recommended.
4. Camera PoE connection is not waterproof. Extra precautions should be taken during installation to ensure connection is not exposed to moisture. Camera failure due to corrosion or short circuit from moisture is not covered by warranty. Montavue LLC assumes no liability for damage resulting from improper use or installation of its products.
5. Because we are continuously improving our products, Montavue LLC reserves the right to modify product design, specifications & prices without notice and without incurring any obligation.

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