

HD Bullet Camera



HD BULLET CAMERA

Avigilon offers the broadest range of high definition cameras in the industry – from 1 – 5 MP and 4 – 7K (based on horizontal resolution) – and are available in a variety of formats, including dome, panoramic and fixed. Whether it’s a small storefront that requires a few cameras or a large complex system requiring complete coverage of numerous areas, you can trust that you’re getting the best solution for your security needs.

The innovative HD Bullet camera is just one way Avigilon can help provide the very best monitoring and protection.



Avigilon’s HD Bullet camera is ideal for seeing objects and activity in complete darkness. With our unique adaptive IR technology, this camera is equipped to provide both wide and narrow illumination, enabling consistent illumination in complete darkness to maximize image quality regardless of scene conditions. Avigilon’s HD Bullet camera also features wide dynamic range capabilities and is vandal resistant for maximum security. Onboard storage capabilities let you manage storage directly on the camera using a standard SD memory card. The Bullet camera is ideal for monitoring a variety of environments that require discreet nighttime coverage, including parking lots, campuses and industrial yards.

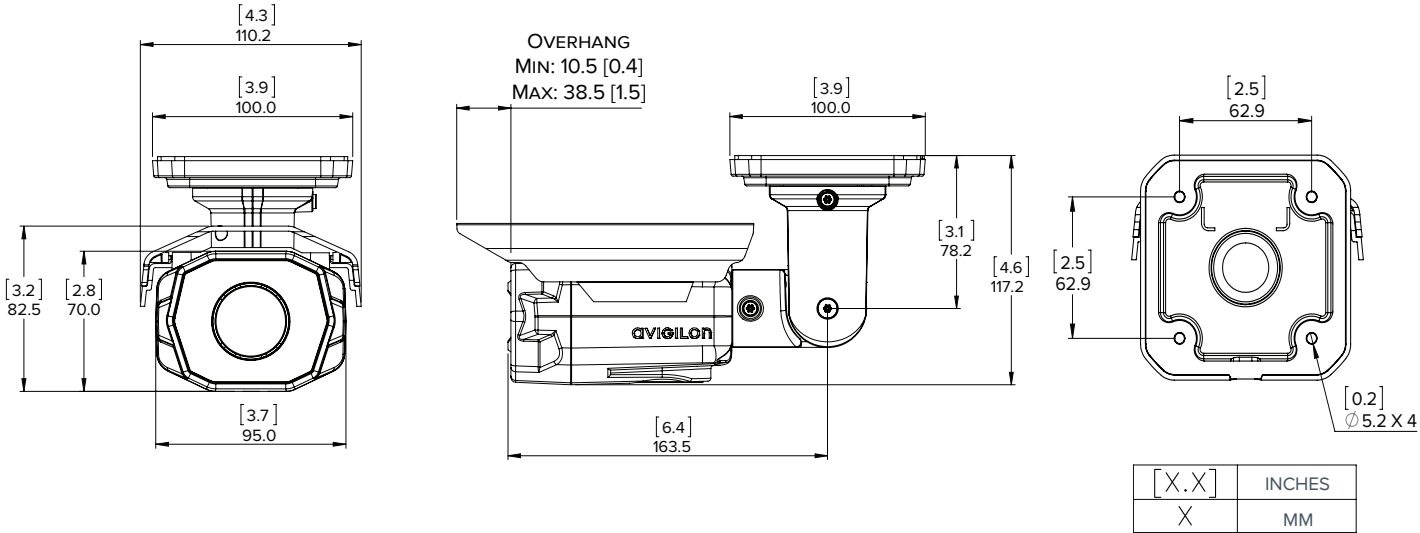
KEY FEATURES

Progressive scan CMOS sensor
Unsurpassed image quality in daytime and nighttime
Available with 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens with remote focus and zoom
Up to 30 images per second
Wide Dynamic Range
SD card slot for onboard storage support
Integrated IR (Infrared) LEDs provide uniform illumination in the dark, even at 0 lux, up to maximum of 200 ft (60 m) away
Zoom and content adaptive IR provides the most effective illumination at all zoom positions, while maintaining optimum scene illumination
Automatic Day/Night functionality with removable IR cut filter to switch to Day or Night mode depending on the light level
PoE (Power over Ethernet) enables operating temperatures of -40°C to 50°C (-40°F to 122°F) with no auxiliary power required.
Additional configuration Ethernet port for easy installation
ONVIF compliant API with H.264 and Motion JPEG compression
Vandal resistant construction and IP66 compliant

Specifications

		1.0 MP		2.0 MP		3.0 MP		5.0 MP				
IMAGE PERFORMANCE	Image Sensor		WDR 1/3" progressive scan CMOS				1/3.2" progressive scan CMOS					
	Active Pixels		1280 (H) x 720 (V)		1920 (H) x 1080 (V)		2048 (H) x 1536 (V)		2592 (H) x 1944 (V)			
	Imaging Area		4.2 mm (H) x 2.4 mm (V); 0.165"(H) x 0.094"(V)				4.5 mm (H) x 3.4 mm (V); 0.177" (H) x 0.133" (V)		4.6 mm (H) x 3.4 mm (V); 0.181" (H) x 0.133" (V)			
	Illuminator Technology		High-power IR LEDs									
	IR Illumination	3-9 mm lens:	850 nm wavelength, 30 m (100 ft) max. distance of IR illumination at 0 lux									
		9-22 mm lens:	850 nm wavelength, 60 m (200 ft) max. distance of IR illumination at 0 lux									
	Minimum Illumination	3-9 mm lens:	0.2 lux (F1.2) in color mode						0.3 lux (F1.2) in color mode			
			0 lux in monochrome mode with IR									
		9-22 mm lens:	0.4 lux (F1.6) in color mode						0.6 lux (F1.6) in color mode			
0 lux in monochrome mode with IR												
Dynamic Range		100 dB						69 dB				
Image Rate		30 (all resolutions)				20 (at full resolution)		13 (at full resolution)				
						30 (at 1920 x 1080 or smaller)						
LENS		Lens		3-9 mm, F1.2, P-Iris, remote focus and zoom								
				9-22 mm, F1.6, P-Iris, remote focus and zoom								
		Angle of View	3-9 mm lens:	26° - 79°			28° - 84°					
9-22 mm lens:	11° - 26°			11° - 28°		12° - 28°						
IMAGE CONTROL		Image Compression Method		H.264 (MPEG-4 Part 10/AVC), Motion JPEG								
		Streaming		Multi-stream H.264 and Motion JPEG								
		Motion Detection		Selectable sensitivity and threshold								
		Electronic Shutter Control		Automatic, Manual (1/6 to 1/8000 sec)								
		Iris Control		Automatic, Manual								
		Day/Night Control		Automatic, Manual								
		Flicker Control		50 Hz, 60 Hz								
		White Balance		Automatic, Manual								
		Backlight Compensation		Adjustable								
		Privacy Zones		Up to 64 zones								
		Audio Compression Method		G.711 PCM 8 kHz								
		Audio Input/Output		Line level input and output, A/V mini-jack (3.5 mm)								
		External I/O Terminals		Alarm In, Alarm Out								
NETWORK		Network		100BASE-TX								
		Cabling Type		CAT5								
		Connector		RJ-45								
		API		ONVIF compliance version 1.02, 2.00, Profile S (www.onvif.org)								
		Security		Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication								
		Protocol		IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTP, TCP,UDP, IGMP, ICMP, DHCP, Zeroconf, ARP								
		Streaming Protocols		RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP								
MECHANICAL		Dimensions (LxWxH)		241.7 mm x 95.0 mm x 70 mm; 9.5" x 3.7" x 2.8"								
		Weight		1.15 kg (2.5 lbs)								
		Body		Aluminum								
		Housing		Surface mount, tamper resistant								
		Finish		Powder coat, cool gray 2								
		Adjustment Range		±175° pan, -45° to +90° tilt, ±175° azimuth								
		Onboard Storage		SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended								
ELECTRICAL		Power Consumption		22 W with external power		12.95 W with IEEE 802.3af Class PoE						
		Power Source		VDC: 12 V +/- 10%, 22 W min		VAC: 24 V +/- 10%, 28 VA min		PoE: IEEE802.3af Class 3 compliant				
		RTC Backup Battery		3V Manganese Lithium								
ENVIRONMENTAL		Operating Temperature		-40 °C to +50 °C (-40 °F to 122 °F)								
		Storage Temperature		-10 °C to +70 °C (14 °F to 158 °F)								
		Humidity		0 - 95% non-condensing								
CERTIFICATIONS		Certifications/Directives		UL	cUL	CE	ROHS	WEEE	RCM	EAC		
		Safety		UL 60950-1		CSA 60950-1		IEC/EN 60950-1		IEC 62471		
		Environmental		IK10 Impact Rating		UL/CSA/IEC 60950-22		IEC 60529 IP66 Rating				
		Electromagnetic Emissions		FCC Part 15 Subpart B Class B		IC ICES-003 Class B		EN 55022 Class B		EN 61000-6-3	EN 61000-3-2	EN 61000-3-3
		Electromagnetic Immunity		EN 55024				EN 61000-6-1				

Outline Dimensions



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Ordering Information

1.0W-H3-BO1-IR	1.0 Megapixel WDR 3-9 mm HD Bullet Camera
1.0W-H3-BO2-IR	1.0 Megapixel WDR 9-22 mm HD Bullet Camera
2.0W-H3-BO1-IR	2.0 Megapixel WDR 3-9mm HD Bullet Camera
2.0W-H3-BO2-IR	2.0 Megapixel WDR 9-22 mm HD Bullet Camera
3.0W-H3-BO1-IR	3.0 Megapixel WDR 3-9 mm HD Bullet Camera
3.0W-H3-BO2-IR	3.0 Megapixel WDR 9-22 mm HD Bullet Camera
5.0-H3-BO1-IR	5.0 Megapixel 3-9 mm HD Bullet Camera
5.0-H3-BO2-IR	5.0 Megapixel 9-22 mm HD Bullet Camera
H3-BO-JB	Junction box for the H3-BO-IR HD Bullet Cameras
MNT-AD-POLE-B	Aluminum pole mounting bracket for dome cameras using Pendant Mount Brackets and HD Bullet Cameras
MNT-AD-CORNER	Aluminum corner mounting bracket for dome cameras using Pendant Mount Brackets and HD Bullet Cameras