2.0 Megapixel Day/Night H.264 HD Outdoor Dome Camera



Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative H.264 HD dome camera is just one way Avigilon can help provide the very best monitoring and protection.





The 2.0MP H.264 HD outdoor dome camera is a great solution for monitoring both daytime and nighttime outdoor activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 2.0MP dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance and enhanced HDSM features. P-Iris control also allows the camera to automatically set its iris position to maximize image quality in all lighting conditions. This camera is extremely versatile and can work in almost any location, including banks, schools, retail outlets, municipal grounds and buildings, hotels, bars and restaurants.

Available with 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens with remote focus and zoom

30 images per second at full resolution

69dB true dynamic range

H.264 and Motion JPEG compression

ONVIF compliant API

Multiple video streams

Zoom adaptive IR provides the most effective illumination at all zoom positions

Content adaptive IR prevents image saturation while maintaining optimum scene illumination

Integrated IR (Infrared) LEDs provide uniform illumination in the dark, even at 0 lux, up to maximum of 15 m (50 ft) away

Automatic removable IR cut filter for IR sensitivity at night

Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

External I/O

Vandal resistant construction and IP66 compliant

Specifications

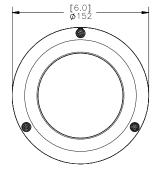
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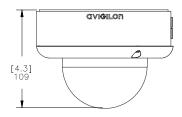
2.0-H3-DO2

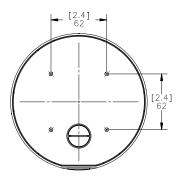
H3-DOP-SMOKE

Specili	CallOHS	2.0.112.004		2 0 H3 D03		
CAMERA			2.0-H3-DO1 2.0-H3-DO2 1/2.7" progressive scan CMOS			
CAMERA	Active Pixels					
		1920 (H) x 1080 (v) 5.9 mm (H) x 3.3 mm (V) (0.231" (H) x 0.129" (V))				
	Imaging Area Minimum Illumination	0.2 lux (F1.2) in color mode; 0.02 lux (F1.2) in monochrome mode 0.04 lux (F1.6) in monochrome mode				
	Dynamic Range	69 dB				
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom 9-22 mm, F1.6, P-Iris, remote focus and zo			, P-Iris, remote focus and zoom	
	Angle of View	35° - 98° 15° - 35°				
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG				
	Image Rate	30 (all resolutions)				
	Streaming	Multi-stream H.264 and Motion JPEG				
	Resolution Scaling	Down to 768 x 432				
	Motion Detection	Selectable sensitivity and threshold				
	Electronic Shutter Control					
	Iris Control	Automatic, Manual				
	Day/Night Control	Automatic, Manual				
	Flicker Control	50 Hz, 60 Hz				
	White Balance	Automatic, Manual				
	Privacy Zones	Up to 4 zones				
	Audio Compression Method	G.711 PCM 8 kHz				
	Audio Input	Line input, A/V mini-jack (3.5 mm)				
	Audio Output	Line level, A/V mini-jack (3.5 mm)				
	Video Output	NTSC/PAL, A/V mini-jack (3.5 mm)				
	External I/O Terminals	Alarm In, Alarm Out				
	IR Illumination (option)	850 nm wavelength, 15 m (50 ft) max. distance of IR illumination at 0 lux				
NETWORK	Network	100BASE-TX				
	Cabling Type	CAT5				
	Connector	RJ-45				
	API ONVIF compliant (www.onvif.org)					
	Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log.				
	Protocol	IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, 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 (ØxH)	152 mm x 109 mm (6.0" x 4.3"	3")			
	Weight	1.28 kg (2.82 lbs)				
	Dome Bubble	Polycarbonate, clear	clear			
	Body	Aluminum				
	Housing	Surface mount, vandal resistant				
	Finish	Powder coat, cool gray 2				
	Adjustment Range	360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth		h		
ELECTRICAL	Power Consumption	10 W with external power 10 W with IEEE 802.3af Class 3 PoE				
	Power Source	VDC: 12 V +/- 10%, 10 W min VAC: 24 V +/- 10%, 12 VA min PoE: IEEE802.3af Class 3 compliant				
	Power Connector	2-pin terminal block				
ENVIRONMENTAL	Operating Temperature					
ENVIRONMENTAL		-30°C to +50°C (-22°F to 122°F)				
	Storage Temperature	-10°C to +70°C (14°F to 158°F)				
CERTIFICATIONS	Safety		EN 60950-1 CE		ROHS WEEE	
	Environmental	-	Meets IP66 V	Veather Ratin	g	
	Electromagnetic Emissions	FCC Part 15 Subpart B IC Class B	C ICES-003	Class B	EN 55022 Class B	
	Electromagnetic Immunity		EN 61000-4-4 EN 61000-4-9		EN 61000-4-6 EN 61000-4-11	
ORDERING INFORMATION	2.0-H3-DO1	2.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera				
	2.0-H3-DO1-IR	2.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera with IR Illuminator				

Outline **Dimensions**







[X.X]	INCHES
X	MM

2.0 Megapixel Day/Night H.264 HD 9-22mm Outdoor Dome Camera

Dome Camera Cover with Smoked Bubble