5.0 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 5.0MP 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 5.0MP 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.

KEY FEATURES

5.0 megapixel progressive scan CMOS sensor
Unsurpassed image quality
Available with 3-9 mm F1.2 or 9-22 mm F1.6 P-Iris lens with remote focus and zoom
13 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

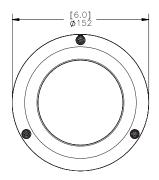
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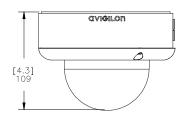


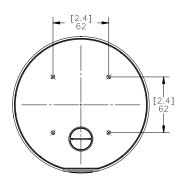
Specifications

Specin	cations	5.0-H3-DO1	5.0-H3-DO	2
CAMERA	Image Sensor	1/3.2" progressive scan CMOS		
	Active Pixels	2592 (H) × 1944 (V)		
	Imaging Area	4.6 mm (H) × 3.4 mm (V) (0.181" (H) × 0.133" (V))		
	Minimum Illumination	0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrome		6) in color mode; .6) in monochrome mode
	Dynamic Range	69 dB		
	Lens	3-9 mm, F1.2, P-Iris, remote focus a	and zoom 9-22 mm, F1.6	, P-Iris, remote focus and zoom
	Angle of View	28° - 84°	12° - 28°	
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG 13 (at full resolution), 30 (at 1920 x 1080 or smaller) Multi-stream H.264 and Motion JPEG		
	Image Rate			
	Streaming			
	Resolution Scaling	Down to 480 x 360		
	Motion Detection	Selectable sensitivity and three		
	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 Automatic, Manual Up to 4 zones G.711 PCM 8 kHz Line input, A/V mini-jack (3.5 mm) Line level, A/V mini-jack (3.5 mm) NTSC/PAL, A/V mini-jack (3.5 mm)		
	White Balance			
	Privacy Zones			
	Audio Compression Method			
	Audio Input			
	Audio Output			
	Video Output			
	External I/O Terminals	Alarm In, Alarm Out	(A)	
	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")		
	Weight	1.28 kg (2.82 lbs)		
	Dome Bubble	Polycarbonate, 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		
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	-30°C to +50°C (-22°F to 122°F)		
	Storage Temperature	-10°C to +70°C (14°F to 158°F)		
				20110
CERTIFICATIONS	Safety	CSA 60950 CE		ROHS WEEE
	Environmental		leets IP66 Weather Ratin	-
	Electromagnetic Emissions	FCC Part 15 Subpart B IC Class B	CICES-003 Class B	EN 55022 Class B
	Electromagnetic Immunity		N 61000-4-4 N 61000-4-5	EN 61000-4-6 EN 61000-4-11
ORDERING	5.0-H3-DO1	5.0 Megapixel Day/Night H.26	64 HD 3-9mm Outdoor D	ome Camera
INFORMATION	5.0-H3-D01-IR	5.0 Megapixel Day/Night H.264 HD 3-9mm Outdoor Dome Camera with IR Illuminator		
	5.0-H3-DO2	5.0 Megapixel Day/Night H.264 HD 9-22mm Outdoor Dome Camera		
	H3-DOP-SMOKE	Dome Camera Cover with Smo	oked Bubble	

Outline Dimensions











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