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.



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
ntegrated IR (Infrared) LEDs provide uniform illumination in the dark, even at D 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

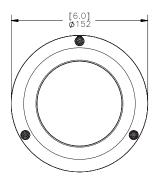
The 5.0MP H.264 HD outdoor dome camera is a great solution for monitoring both daytime and nighttime outdoor activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 5.0MP dome camera operates on Avigilon's H3 platform, providing 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. avigilon

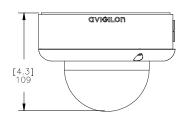


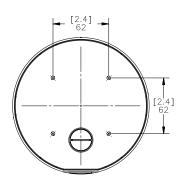
Specifications

Specin	cations	5.0-H3-D1	5.0-H3	-D2	
CAMERA	Image Sensor	1/3.2" progressive scan CMOS			
	Active Pixels	2592 (H) × 1944 (V)			
	Imaging Area	4.6 mm (H) x 3.4 mm (V) (0.181" (H) x 0.133" (V))			
	Minimum Illumination	0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrome		: (F1.6) in color mode; ux (F1.6) in monochrome mode	
	Dynamic Range	69 dB			
	Lens	3-9 mm, F1.2, P-Iris, remote focus		n, 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			
	Image Rate	13 (at full resolution), 30 (at 1920 x 1080 or smaller) Multi-stream H.264 and Motion JPEG Down to 480 x 360 Selectable sensitivity and threshold Automatic, Manual (1/6 to 1/8000 sec) Automatic, Manual Automatic, Manual 50 Hz, 60 Hz Automatic, Manual Up to 4 zones			
	Streaming				
	Resolution Scaling				
	Motion Detection Electronic Shutter Control				
	Iris Control				
	Day/Night Control				
	Flicker Control				
	White Balance				
	Privacy 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/TC HTTPS/TCP, HTTP				
MECHANICAL	Dimensions (ØxH)	ns (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)			
CERTIFICATIONS	Safety	UL 60950 El CSA 60950 C	N 60950-1 E	ROHS WEEE	
	Environmental	IK10 Impact Rating M	leets IP66 Weather	Rating	
	Electromagnetic Emissions	FCC Part 15 Subpart B IC Class B	C ICES-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 INFORMATION	5.0-H3-DO1	5.0 Megapixel Day/Night H.26	64 HD 3-9mm Outd	oor Dome Camera	
	5.0-H3-DO1-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 Smoked Bubble			

Outline Dimensions











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