2.0 Megapixel Day/Night H.264 HD Indoor 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 indoor dome camera is a great solution for monitoring both daytime and nighttime activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 2.0MP indoor 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

2.0 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
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 position
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

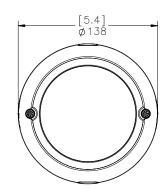
avigilon

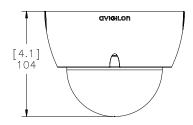


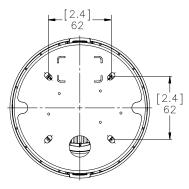
Specifications

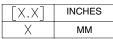
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CAMERA	Image Sensor	1/2.7" progressive scan CMOS			
	Active Pixels	1920 (H) × 1080 (v)			
	Imaging Area	5.9 mm (H) x 3.3 mm (V) (0.231" (H) x 0.129" (V))			
	Minimum Illumination	0.2 lux (F1.2) in color mode; 0.02 lux (F1.2) in monochrome mode	0.4 lux (F1.6) in color mode; 0.04 lux (F1.6) in monochrome mode		
	Dynamic Range	69 dB			
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoon	9-22 mm, F1.6, 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	Automatic, Manual (1/6 to 1/8000 sec) Automatic, Manual			
	Iris Control 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)	138 mm x 104 mm (5.4" x 4.1)			
	Weight	0.53 kg (1.17 lbs)			
	Dome Bubble	Polycarbonate, clear			
	Body	Plastic			
	Housing	Surface mount, tamper resistant			
	Adjustment Range	Plastic, RAL 9003 360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth			
ELECTRICAL	Power Consumption	6 W with external power (10 W for -IR option) 6 W with IEEE 802.3af Class 3 PoE (10 W for -IR option)			
	Power Source	VDC: 12 V +/- 10%, 6 W min (10 W min with -IR option) VAC: 24 V +/- 10%, 8 VA min (12 VA min with -IR option) PoE: IEEE802.3af Class 3 compliant			
	Power Connector	2-pin terminal block			
ENVIRONMENTAL	Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)			
	Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)			
CERTIFICATIONS	Safety	UL 60950 EN 60950 CSA 60950 CE	-1 ROHS WEEE		
	Electromagnetic Emissions	FCC Part 15 Subpart B IC ICES-00 Class B	03 Class B EN 55022 Class B		
	Electromagnetic Immunity	EN 55024 EN 61000 EN 61000-4-2 EN 61000 EN 61000-4-3			
ORDERING INFORMATION	2.0-H3-D1	2.0 Megapixel Day/Night H.264 HD 3-9mm Indoor Dome Camera			
	2.0-H3-D1-IR	2.0 Megapixel Day/Night H.264 HD 3-9mm Indoor Dome Camera with IR Illuminator			
	2.0-H3-D2	2.0 Megapixel Day/Night H.264 HD 9-22mm Indoor Dome Camera			
	H3-D-SMOKE	Dome Camera Cover with Smoked Bu	Dome Camera Cover with Smoked Bubble		

Outline Dimensions











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