3.0 Megapixel WDR 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 3.0MP 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 3.0MP indoor dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance with wide dynamic range support 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

3.0 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

20 images per second at full resolution

100dB true dynamic range

H.264 and Motion JPEG compression

ONVIF compliant API

Multiple video streams

Automatic exposure control and iris control

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

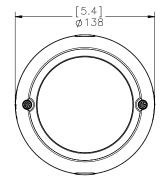
External I/O

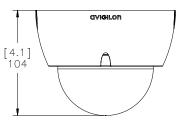
Specifications

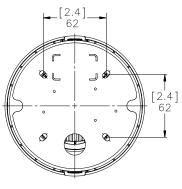
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Specini	Cations						
		3.0W-H3-D1		3.0W-H3-D	2		
CAMERA	Image Sensor	WDR 1/3" progressive scan CMOS					
	Active Pixels	2048 (H) x 1536 (V)					
	Imaging Area	4.5 mm (H) x 3.4 mm (V) (0.177" (H) x 0.133" (V))					
	Minimum Illumination	0.2 lux (F1.2) 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	100 dB					
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom		9-22 mm, F and zoom	-1.6, P-iris, remote focus		
	Angle of View	28° - 84°		12° - 28°			
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG					
	Image Rate	20 (at full resolution), 30 (at 1920 x 1080 or smaller)					
	Streaming	Multi-stream H.264 and Motion JPEG					
	Resolution Scaling	Down to 480 x 360					
	Motion Detection	Selectable sensitivity and threshold					
	Electronic Shutter Control	Automatic, Manual (1/6 to	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					
	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					
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)					
MEGNANIGAE	Weight	0.55 kg (1.2 lbs)					
	Dome Bubble	Polycarbonate, clear					
	Body	Plastic					
	Housing	Surface mount, tamper resistant					
	Finish	Plastic, RAL 9003					
	Adjustment Range	360° pan, 180° tilt, 360° azimuth					
	Adjustment Range	Soo pari, 180 dia, 600 derinadi.					
ELECTRICAL	Power Source	VDC: 12 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant					
	Power Consumption	5 W					
	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)					
	Humidity	20 - 80% Relative humidity (non-condensing)					
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CERTIFICATIONS	Safety		EN 60950-1 CE	1	ROHS WEEE		
	Electromagnetic Emissions	FCC Part 15 Subpart B Class B	IC ICES-003	B Class B	EN 55022 Class B		
	Electromagnetic Immunity	EN 55024 EN 61000-4-2 EN 61000-4-3	EN 61000-4 EN 61000-4		EN 61000-4-6 EN 61000-4-11		
ORDERING	3.0W-H3-D1	3.0 Megapixel WDR Day/Night H.264 HD 3-9mm Indoor Dome Camera					
INFORMATION	3.0W-H3-D2	3.0 Megapixel WDR Day/Night H.264 HD 9-22mm Indoor Dome Camera					
	H3-D-SMOKE	Dome Camera Cover with Smoked Bubble					

Outline **Dimensions**







[X.X]	INCHES
X	MM