5.0 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 5.0MP 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 5.0MP indoor dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance and enhanced HDSM[™] software features. P-Iris control also allows the camera to automatically set its iris position to maximize image quality in all lighting conditions, while onboard storage capabilities let you manage storage directly on the camera using a standard SD memory card. 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

SD card slot for onboard storage support

H.264 and Motion JPEG compression

ONVIF API compliance with version 1.02, 2.00 and Profile S $\,$

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

Specifications

NETWORK

MECHANICAL

ELECTRICAL

ENVIRONMENTAL

CERTIFICATIONS

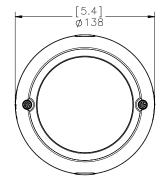
ORDERING INFORMATION

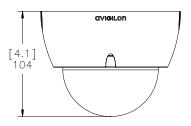
5.0-H3-D2

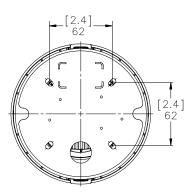
H3-D-SMOKE

Imaga Cana	5.0-H3-D1		5.0-H3-D2		
Image Sensor	1/3.2" progressive scan CMC	05			
Active Pixels	2592 (H) x 1944 (V)				
Imaging Area	4.6 mm (H) x 3.4 mm (V) (0.18	31" (H) x 0.13	3" (V))		
Minimum Illumination	0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrom	e mode	•	6) in color mode; 1.6) in monochrome mo	
Dynamic Range	69 dB				
_ens	3-9 mm, F1.2, P-Iris, remote focus	s and zoom	9-22 mm, F1.6	6, P-Iris, remote focus and zoo	
Angle of View	28° - 84°		12° - 28°		
mage Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG				
mage Rate	13 (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 1/8000 sec)				
ris Control	Automatic, Manual				
Day/Night Control	Automatic, Manual				
Flicker Control					
White Balance	50 Hz, 60 Hz				
	Automatic, Manual Adjustable				
Backlight Compensation	,				
Privacy Zones	Up to 64 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	5 mm)			
External I/O Terminals	Alarm In, Alarm Out				
R Illumination (option)	850 nm wavelength, 15 m (5) distance of IR illumination at				
Network	100BASE-TX				
Cabling Type	CAT5	CAT5			
Connector	RJ-45				
API	ONVIF compliance version 1.	.02, 2.00, Pro	ofile S (www.	onvif.org)	
Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication.				
Protocol	IPv4, HTTP, HTTPS, SOAP, D DHCP, Zeroconf, ARP	NS, NTP, RT	SP, RTCP, RT	P, TCP,UDP, IGMP, ICMP,	
Streaming Protocols	RTP/UDP, RTP/UDP multicast HTTPS/TCP, HTTP	t, RTP/RTSP/	TCP, RTP/RT	SP/HTTP/TCP, RTP/RTSP/	
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 resist	tant			
Finish	Plastic, RAL 9003				
Adjustment Range	360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth				
Onboard Storage	SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended				
Power Consumption	5 W (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)				
Power Connector	PoE: IEEE802.3af Class 3 cor 2-pin terminal block	piidiit			
		°E\			
Operating Temperature	-10 °C to +50 °C (14 °F to 122				
Storage Temperature	-10 °C to +70 °C (14 °F to 158 °	°F)			
Safety		EN 60950-1 CE		ROHS WEEE	
Electromagnetic Emissions	FCC Part 15 Subpart B Class B	C ICES-003	Class B	EN 55022 Class B	
Electromagnetic Immunity		EN 61000-4-5 EN 61000-4-4		EN 61000-4-6 EN 61000-4-11	
5.0-H3-D1	5.0 Megapixel Day/Night H.2	264 HD 3-9m	ım Indoor Do	me Camera	
5.0-H3-D1-IR	5.0 Megapixel Day/Night H.2 Illuminator	264 HD 3-9m	ım Indoor Do	ome Camera with IR	
		C4 LID 0 22			

Outline Dimensions







[X.X]	INCHES
Χ	MM



5.0 Megapixel Day/Night H.264 HD 9-22mm Indoor Dome Camera

Dome Camera Cover with Smoked Bubble