3.0 Megapixel WDR Day/Night H.264 HD 3-9mm In-ceiling 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 HD H.264 dome camera is just one way Avigilon can help provide the very best monitoring and protection.





The 3.0MP H.264 HD in-ceiling dome camera provides discreet coverage for both daytime and nighttime indoor activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration with existing systems. The 3.0MP 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

3-9mm, F1.2 P-Iris lens with remote focus and zoom

20 images per second at full resolution

100dB true dynamic range

0.2 lux minimum illumination in color mode and 0.02 lux minimum illumination in monochrome mode $\,$

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

CAMERA

NETWORK

MECHANICAL

ELECTRICAL

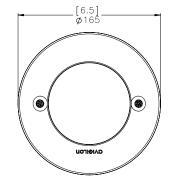
ENVIRONMENTAL

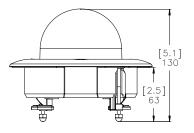
CERTIFICATIONS

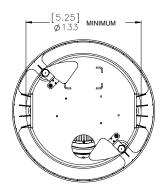
ORDERING INFORMATION

Image Sensor	WDR 1/3" progressive scan CMO	s
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	
Dynamic Range	100 dB	
Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom	
Angle of View	28° - 84°	
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 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 level, 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	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	
Dimensions (ØxH)	167 mm x 130 mm (6.6" x 5.1)	
Weight	0.56 kg (1.2 lbs)	
Dome Bubble	Polycarbonate, clear	
Body	Plastic	
Housing	Recessed mount, tamper resistant	
Finish	Plastic, RAL 9003	
Adjustment Range	360° pan, 180° tilt, 360° azimuth	
Power Source	VDC: 12 V VAC: 24 V DRE: IEEE 202 2 of Close 2 compliant	
Power Concurration	PoE: IEEE802.3af Class 3 compli	anı
Power Connector	5 W	
Power Connector	2-pin terminal block	
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)
Safety	UL 60950 CSA 60950 EN 60950-1	CE ROHS WEEE
Electromagnetic Emissions	FCC Part 15 Subpart B Class B IC ICES-003 Class B EN 55022 Class B	
Electromagnetic Immunity	EN 55024 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11
	3.0 Megapixel WDR Day/Night H.264 HD 3-9mm In-Ceiling Dome Camera	
3.0W-H3-DC1	3.0 Megapixel WDR Dav/Night H	.264 HD 3-9mm In-Ceiling Dome Camera
3.0W-H3-DC1 H3-DC-SMOKE	3.0 Megapixel WDR Day/Night H Dome Camera Cover with Smoke	

Outline Dimensions







[X.X]	INCHES
Χ	MM