3.0 Megapixel WDR Day/Night H.264 HD 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 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 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

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 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					
		3.0W-H3-DC1		3.0W-H3-DC2	
CAMERA	Image Sensor	WDR 1/3" progressive scan CMOS		3.0W-H3-DC2	
	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; 0.4 lux (F1.6) in color mode;			
	Dynamic Range	0.02 lux (F1.2) in monochrome mode 0.04 lux (F1.6) in monochrome mod			
	Lens	100 dB 3-9 mm, F1.2, P-Iris, remote focus and 9-22		9-22 mm, F1.6, P-Iris, remote focus and zoom	
	Lens	zoom	cus ariu	3-22 mm, r i.o, r -ins, remote locus and 200m	
	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 1/8000 sec)			
	Iris Control	Automatic, Manual			
	Day/Night Control	Automatic, Manual			
	Flicker Control	50 Hz, 60 Hz			
	White Balance	Automatic, Manual Up to 4 zones G.711 PCM 8 kHz Line input, A/V mini-jack (3.5 mm)			
	Privacy Zones				
	Audio Compression Method				
	Audio Input				
	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) 165 mm x 130 mm (6.5" x 5.1)			5.1)		
0.,,	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, 180° azimuth			
	· injection of the second	ood part, loo all, loo all linear			
ELECTRICAL	Power Consumption	6 W with external power 6 W with IEEE 802.3af Class 3 PoE			
	Power Source	VDC: 12 V +/- 10%, 6 W min VAC: 24 V +/- 10%, 8 VA min 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 E	EN 60950-	1 ROHS	

CSA 60950

EN 61000-4-2 EN 61000-4-3

Metal Ceiling Panel

Class B EN 55024

FCC Part 15 Subpart B

Electromagnetic Emissions

Electromagnetic Immunity

3.0W-H3-DC1

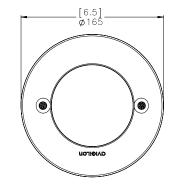
3.0W-H3-DC2

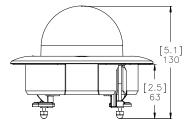
H3-DC-SMOKE

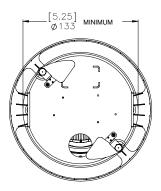
H3-DC-PNL

ORDERING INFORMATION

Outline Dimensions







[X.X]	INCHES
X	MM

CE

Dome Camera Cover with Smoked Bubble

IC ICES-003 Class B

3.0 Megapixel WDR Day/Night H.264 HD 3-9mm In-Ceiling Dome Camera

3.0 Megapixel WDR Day/Night H.264 HD 9-22mm In-Ceiling Dome Camera

EN 61000-4-5

EN 61000-4-4

WEEE

EN 55022 Class B

EN 61000-4-6

EN 61000-4-11