## 2.0 Megapixel 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 2.0MP 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 2.0MP 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

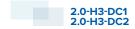
Automatic removable IR cut filter for IR sensitivity at night

Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

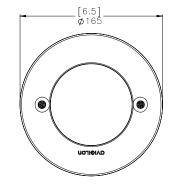
External I/O

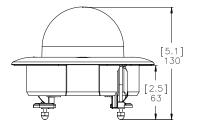


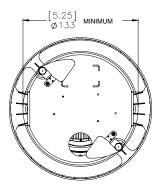
## Specifications

Specino	Lalions					
		2.0-H3-DC1		2.0-H3-DC2		
CAMERA	Image Sensor	1/2.7" progressive scan CMOS				
	Active Pixels	1920 (H) x 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; 0.4 lux (F1.6) in color mode; 0.02 lux (F1.2) in monochrome mode 0.04 lux (F1.6) in monochrome mode				
	Dynamic Range	69 dB				
	Lens	3-9 mm, F1.2, P-Iris, remote fi	ocus and	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)				
	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	Alarm In, Alarm Out			
NETWORK	Network	100BASE-TX				
	Cabling Type	CAT5				
	Connector	RJ-45				
	API	ONVIF compliant (www.o	nvif.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)				
	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				
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)				
	Storage remperature	-10 0 10 170 0 (14 1 10 130 1)				
CERTIFICATIONS	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 EN 61000-4		EN 61000-4-6 EN 61000-4-11	
ORDERING	2.0-H3-DC1	2.0 Megapixel Day/Night H.264 HD 3-9mm In-Ceiling Dome Camera				
INFORMATION	2.0-H3-DC2	2.0 Megapixel Day/Night H.264 HD 9-22mm In-Ceiling Dome Camera				
	H3-DC-SMOKE	Dome Camera Cover with Smoked Bubble				
	H3-DC-PNL	Metal Ceiling Panel	Metal Ceiling Panel			

## Outline Dimensions







[X.X]	INCHES
X	MM