## 1.3 Megapixel H.264 HD In-Ceiling Dome Camera with LightCatcher™ Technology



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.





In environments where low-light conditions exist, capturing a crisp image in color can have a significant impact in the ability to recognize, identify and respond effectively to incidents that may occur. Avigilon's 1.3 MP H.264 HD camera features advanced LightCatcher<sup>™</sup> technology, which collects significantly more detail from a low-light scene to produce a higher quality color image with less noise. Onboard storage capabilities let you manage storage directly on the camera using a standard SD memory card. Operating on Avigilon's upgraded H3 platform, this camera is ONVIF compliant for seamless integration with the Avigilon Control Center and other leading VMS solutions. Avigilon's 1.3 MP HD camera with LightCatcher™ technology is ideal for all situations where surveillance with monochrome images is not acceptable, such as hotel lobbies, restaurants, stairwells, or commercial premises

## **KEY FEATURES**

1.3 megapixel progressive scan CMOS sensor

 $\label{lightCatcher} \mbox{$\stackrel{\scriptstyle{}}{$}$ Avigilon LightCatcher} \mbox{$\stackrel{\scriptstyle{}}{$}$ technology provides unsurpassed image quality in low light environments}$ 

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

71 dB 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

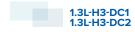
Automatic removable IR cut filter for IR sensitivity at night

Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

External I/O

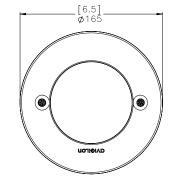


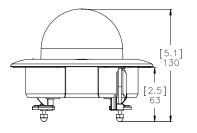
## Specifications

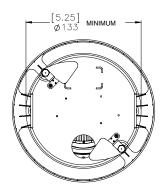
H3-DC-PNL

Specifi	cations	1.3L-H3-DC1		1.3L-H3-DC	2	
CAMERA	Image Sensor	1/3" progressive scan CMOS				
	Active Pixels	1280 (H) x 1024 (V) 4.8 mm (H) x 3.84 mm (V); 0.189" (H) x 0.151" (V) 0.02 lux (F1.2) in color mode; 0.002 lux (F1.6) in color mode; 0.004 lux (F1.6) in monochrome mode 0.004 lux (F1.6) in monochrome mode				
	Imaging Area					
	Minimum Illumination				5) in color mode;	
					.6) in monochrome mode	
	Dynamic Range	71 dB				
	Lens	3-9 mm, F1.2, P-Iris, remote focus	and zoom	9-22 mm, F1 and zoom	.6, P-Iris, remote focus	
	Angle of View	30° - 88°		13° - 30°		
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG				
	Image Rate	30 (all resolutions) Multi-stream H.264 and Motion JPEG Down to 768 x 432 Selectable sensitivity and threshold Automatic, Manual (1/6 to 1/2000 sec) Automatic, Manual Automatic, Manual 50 Hz, 60 Hz Automatic, Manual Adjustable				
	Streaming					
	Resolution Scaling					
	Motion Detection					
	Electronic Shutter Control					
	Iris Control					
	Day/Night Control					
	Flicker Control					
	White Balance					
	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				
NETWORK	Network	100BASE-TX				
	Cabling Type	CAT5				
	Connector	RJ-45				
	API	ONVIF compliance version 1.02, 2.00, Profile 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, 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 res	istant			
	Finish	Plastic, RAL 9003				
	Adjustment Range	360° pan, 180° tilt, 180° azimuth				
	Onboard Storage	SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended				
ELECTRICAL	Power Consumption	5 W				
	Power Source	VDC: 12 V +/- 10%, 6 W min VAC: 24 V +/- 10%, 8 VA min				
	Power Connector	PoE: IEEE802.3af Class 3 compliant 2-pin terminal block				
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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		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	
ORDERING INFORMATION	1.3L-H3-DC1	1.3 Megapixel H.264 HD 3-9 r with LightCatcher™ Technolog		g Dome Cam	era	
	1.3L-H3-DC2	1.3 Megapixel H.264 HD 9-22 mm In-Ceiling Dome Camera with LightCatcher* Technology				
	H3-DC-SMOKE	Dome Camera Cover with Smoked Bubble				

## Outline **Dimensions**







[X.X]	INCHES
X	ММ





Metal Ceiling Panel