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[™] 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

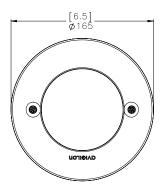
	1.3 megapixel progressive scan CMOS sensor
	Avigilon LightCatcher [™] technology provides unsurpassed image quality in low light environments
	Available with 3-9 mm F1.2 P-Iris lens with remote focus and zoom
	30 images per second at full resolution
	71 dB true dynamic range
	SD card slot for onboard 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

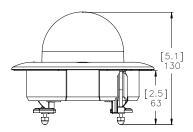
avigilon

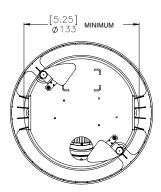
Specifications

	o a thomas				
CAMERA	Image Sensor	1/3" progressive scan CMOS			
	Active Pixels	1280 (H) × 1024 (V)			
	Imaging Area	4.8 mm (H) x 3.84 mm (V);	4.8 mm (H) x 3.84 mm (V); 0.189" (H) x 0.151" (V)		
	Minimum Illumination	0.02 lux (F1.2) in color mode; 0.002 lux (F1.2) in monochrome mode			
	Dynamic Range	71 dB			
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom			
	Angle of View	30° - 88°			
		H.264 (MPEG-4 Part 10/AVC), Motion JPEG			
	Image Compression Method				
	Image Rate	30 (all resolutions) Multi-stream H.264 and Motion JPEG			
	Streaming				
	Resolution Scaling	Down to 768 x 432			
	Motion Detection	Selectable sensitivity and threshold			
	Electronic Shutter Control	Automatic, Manual (1/6 to	1/2000 sec)		
	Iris Control	Automatic, Manual	ic, 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			
	External //O Terminals	Alemin, Alemi 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	Dimensione (Ov.(1))	16E mm v 120 mm /6 E" v	= 1)		
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			
	Onboard Storage	SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended			
	Device Communities	E 14/			
ELECTRICAL	Power Consumption	5 W			
	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 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 61000-4-5 EN 61000-4-4	EN 61000-4-6 EN 61000-4-11	
ORDERING INFORMATION	1.3L-H3-DC1	1.3 Megapixel H.264 HD 3-9mm In-Ceiling Dome Camera with LightCatcher [™] Technology			
	H3-DC-SMOKE	Dome Camera Cover with Smoked Bubble			
	H3-DC-PNL	Metal Ceiling Panel			

Outline Dimensions









1.3L-H3-DC1

© 2012 - 2014 Avigilon Corporation. All rights reserved. Unless expressly granted in writing, no license is granted with respect to any copyright, industrial design, trademark, patent or other intellectual property rights of Avigilon Corporation or its licensors. AVIGILON, HIGH DEFINITION STREAM MANAGEMENT (HDSM) and LIGHTCATCHER are unregistered and/or registered trademarks of Avigilon Corporation in Canada and other jurisdictions worldwide. Other product names mentioned herein may be the unregistered and/or registered trademarks of their respective owners." and " are not used in association with each trademark in this document.