1.3 Megapixel H.264 HD Indoor 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 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

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NETWORK

MECHANICAL

ELECTRICAL

ENVIRONMENTAL

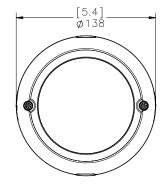
CERTIFICATIONS

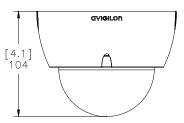
ORDERING

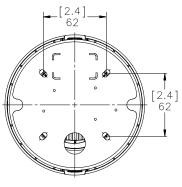
H3-D-SMOKE

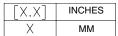
Image Sensor	1/3" progressive scan CMOS					
Active Pixels	1280 (H) x 1024 (V)					
Imaging Area	4.8 mm (H) x 3.84 mm (V); 0.189" (H) x 0.151" (V)					
Minimum Illumination	0.02 lux (F1.2) in color mode; 0.002 lux (F1.6) in color mode; (F1.2) in monochrome mode 0.004 lux (F1.6) in monochrome mode					
Dynamic Range	71 dB					
Lens	3-9 mm, F1.2, P-Iris, remote fo	cus and zoom	zoom	6, P-Iris, remote focus and		
Angle of View	30° - 88°	13° - 30°				
Image Compression Method	H.264 (MPEG-4 Part 10/AV	C), Motion JPE	G			
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 1/2000 sec)					
Iris Control	Automatic, Manual					
Day/Night Control	Automatic, Manual					
Flicker Control	50 Hz, 60 Hz					
White Balance	Automatic, Manual					
Backlight Compensation	Adjustable					
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 mm)					
External I/O Terminals	Alarm In, Alarm Out					
Network	100BASE-TX					
Cabling Type	CAT5					
Connector	RJ-45 ONIVIE compliance version 102, 200 Profile S (versy equifore)					
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 RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/					
Streaming Protocols	HTTPS/TCP, HTTP	ast, RTP/RTSP/	TCP, RTP/RT	SP/HTTP/TCP, RTP/RTSP/		
Dimensions (ØxH)	138 mm x 104 mm (5.4" x 4.1)					
Weight	0.53 kg (1.17 lbs)					
Dome Bubble	Polycarbonate, clear					
Body	Plastic					
Housing	Surface mount, tamper res	Surface mount, tamper resistant				
Finish	Plastic, RAL 9003					
Adjustment Range	360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth					
Onboard Storage	SD/SDHC/SDXC slot – minimum class 4; class 6 or better recommended					
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					
Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)					
Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)					
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 61000-4-6 EN 61000-4-11		
1.3L-H3-D1	1.3 Megapixel H.264 HD 3-9 mm Indoor Dome Camera with LightCatcher™ Technology					
1.3L-H3-D2	1.3 Megapixel H.264 HD 9-22 mm Indoor Dome Camera with LightCatcher* Technology					

Outline **Dimensions**











with LightCatcher™ Technology

Dome Camera Cover with Smoked Bubble