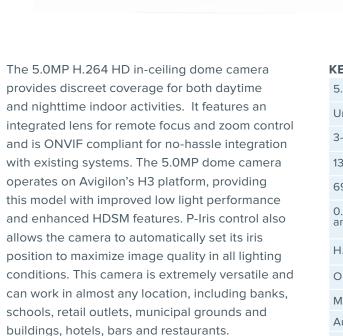# 5.0 Megapixel Day/Night H.264 HD 3-9mm In-Ceiling Dome Camera

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 HD H.264 dome camera is just one way Avigilon can help provide the very best monitoring and protection.

The 5.0MP 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 5.0MP 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

5.0 megapixel progressive scan CMOS sensor
Unsurpassed image quality
3-9mm, F1.2 P-Iris lens with remote focus and zoom
13 images per second at full resolution
69dB true dynamic range
0.3 lux minimum illumination in color mode and 0.03 lux minimum illumination in monochrome mode
H.264 and Motion JPEG compression
ONVIF compliant API
Multiple video streams
Automatic exposure control and iris control
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

CAMERAS

Specifications

CAMERA

Image Sensor	1/3.2" progressive scan CMOS
Active Pixels	2592 (H) x 1944 (V)
Imaging Area	4.6 mm (H) x 3.4 mm (V) (0.181" (H) x 0.133" (V))
Minimum Illumination	0.3 lux (F1.2) in color mode; 0.03 lux (F1.2) in monochrome mode
Dynamic Range	69 dB
Lens	3-9 mm, F1.2, P-Iris, remote focus and zoom
Angle of View	28° - 84°
Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG
Image Rate	13 (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
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

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)	167 mm x 130 mm (6.6" 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, 360° azimuth

ELECTRICAL

Power Source	VDC: 12 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant
Power Consumption	5 W
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)
Humidity	20 - 80% Relative humidity (non-condensing)

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 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11

ORDERING INFORMATION

5.0-H3-DC1	5.0 Megapixel Day/Night H.264 HD 3-9mm In-Ceiling Dome Camera
H3-DC-SMOKE	Dome Camera Cover with Smoked Bubble
H3-DC-PNL	Metal Ceiling Panel

[X.X]	INCHES
X	MM