## 3.0 Megapixel WDR Day/Night H.264 HD Indoor 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 3.0MP H.264 HD indoor dome camera is a great solution for monitoring both daytime and nighttime activities. It features an integrated lens for remote focus and zoom control and is ONVIF compliant for no-hassle integration. The 3.0MP indoor dome camera operates on Avigilon's H3 platform, providing this model with improved low light performance with wide dynamic range support 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**

3.0 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

20 images per second at full resolution

100dB true dynamic range

H.264 and Motion JPEG compression

ONVIF compliant API

Multiple video streams

Zoom adaptive IR provides the most effective  $\,$  illumination at all zoom positions

Content adaptive IR prevents image saturation while maintaining optimum scene illumination

Integrated IR (Infrared) LEDs provide uniform illumination in the dark, even at 0 lux, up to maximum of 15 m (50 ft) away

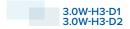
Automatic removable IR cut filter for IR sensitivity at night

Power over Ethernet, 24 VAC or 12 VDC power input

Audio Input and Output

Analog Video Output

External I/O

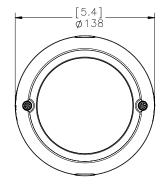


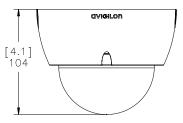
## Specifications

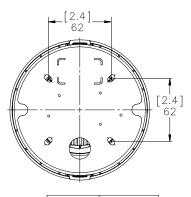
0	יטן	<b>-</b>	CI	П	d	LI	U	П	5

Specili	Cations					
		3.0W-H3-D1	3.0W-H3-D2			
CAMERA	Image Sensor	WDR 1/3" progressive scan CMOS				
	Active Pixels	2048 (H) x 1536 (V)				
	Imaging Area	4.5 mm (H) x 3.4 mm (V) (0.177" (H) x 0.133" (V))				
	Minimum Illumination	0.2 lux (F1.2) in color mode; 0.02 lux (F1.2) in monochrome mode	0.4 lux (F1.6) in color mode; 0.04 lux (F1.6) in monochrome mode			
	Dynamic Range	100 dB				
	Lens	3-9 mm, F1.2, P-Iris, remote focus and zoon	9-22 mm, F1.6, P-Iris, remote focus and zoom			
	Angle of View	28° - 84° 12° - 28°				
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG				
	Image Rate	20 (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  Electronic Shutter Control	Selectable sensitivity and threshold				
		Automatic, Manual (1/6 to 1/8000 sec)				
	Iris Control	Automatic, Manual Automatic, Manual				
	Day/Night Control Flicker Control					
	White Balance	50 Hz, 60 Hz				
		Automatic, Manual Up to 4 zones				
	Privacy Zones  Audio Compression Method	Up to 4 zones G.711 PCM 8 kHz				
	Audio Input					
	Audio Output	Line input, A/V mini-jack (3.5 mm)  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				
	IR Illumination (option)	850 nm wavelength, 15 m (50 ft) max.				
	in manimulation (option)	distance of IR illumination at 0 lux				
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/R HTTPS/TCP, HTTP				
MECHANICAL	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 resistant				
	Finish	Plastic, RAL 9003				
	Adjustment Range	360° pan, 180° tilt (122° tilt with -IR option), 180° azimuth				
ELECTRICAL	Power Consumption	6 W with external power (10 W for -IR option) 6 W with IEEE 802.3af Class 3 PoE (10 W for -IR option)				
	Power Source	VDC: 12 V +/- 10%, 6 W min (10 W min with -IR option) VAC: 24 V +/- 10%, 8 VA min (12 VA min with -IR option) 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 EN 60950 CSA 60950 CE	-1 ROHS WEEE			
	Electromagnetic Emissions	FCC Part 15 Subpart B IC ICES-00 Class B	03 Class B EN 55022 Class B			
	Electromagnetic Immunity	EN 55024 EN 61000 EN 61000-4-2 EN 61000 EN 61000-4-3				
ORDERING	3.0W-H3-D1	3.0 Megapixel WDR Day/Night H.264 HD 3-9mm Indoor Dome Camera				
INFORMATION	3.0W-H3-D1-IR	3.0 Megapixel WDR Day/Night H.264 HD 3-9mm Indoor Dome Camera with IR Illumination				
	3.0W-H3-D2	3.0 Megapixel WDR Day/Night H.264 HD 9-22mm Indoor Dome Camera				
	H3-D-SMOKE	Dome Camera Cover with Smoked Bubble				

## Outline **Dimensions**







[X.X]	INCHES
X	ММ