# H4 HD Outdoor Dome Camera with Self-Learning Video Analytics



Avigilon offers a broad range of high definition cameras – from 1-5 MP and 4-7K (based on horizontal resolution) – and are available in a variety of formats, including dome, panoramic and fixed. Whether it's a small storefront that requires a few cameras or a large complex system requiring complete coverage of numerous areas, you can trust that you're getting an exceptional solution for your security needs.

The innovative H4 HD outdoor dome cameras are just one way Avigilon can help provide effective monitoring and protection.







The H4 HD outdoor dome cameras are a great solution for monitoring both daytime and nighttime activities, with peace of mind due to their vandal resistant construction. Embedded with self-learning video analytics, the H4 HD cameras seamlessly integrate with Avigilon Control Center (ACC)™, allowing security personnel to respond proactively and mitigate an incident before damage is done. They feature an integrated lens for remote focus and zoom control and are ONVIF compliant for easy integration. Avigilon outdoor dome cameras are equipped with new Triple Exposure Ultra-Wide Dynamic Range (WDR) and patented LightCatcher™ technology, ensuring you receive the excellent image detail. P-Iris control also allows the cameras to automatically set their iris position to enhance image quality in all lighting conditions, while onboard storage capabilities let you manage storage directly on the cameras using a standard SD memory card. These cameras are extremely versatile and can work in almost any location, including banks, schools, retail outlets, municipal grounds and buildings, hotels, bars and restaurants.

#### **KEY FEATURES**

1-5 megapixel and 4K Ultra HD (8 MP) resolution

Patented Advanced Video Pattern Detection and Teach by Example Technology

Self-learning video analytics

Patented High Definition Stream Management (HDSM)™ Technology

Available with 3-9 mm F1.3, 4.3-8 mm F1.8, or 9-22 mm F1.6 P-Iris lens with remote focus and zoom

Wifi camera configuration support

Zoom and content adaptive integrated IR (Infrared) LEDs provide uniform illumination in the dark, even at 0 lux, up to a maximum of 30 m (98 ft) away

 $\label{lem:lightCatcher} \mbox{Avigilon LightCatcher technology provides exceptional image quality in low light environments}$ 

Triple Exposure Ultra Wide Dynamic Range (1-3 MP models)

ONVIF compliant with version 2.2.0 of the Analytics Service Specification

Vandal resistant construction and IP66 compliant

Factory pre-configured Image preset modes for maximum image performance in a variety of lighting conditions

Idle Scene Mode lowers bandwidth and storage usage if there are no motion events detected in the scene  $\,$ 

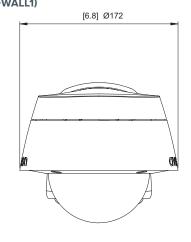
IMAGE	icati		1.0 MP	2.0 MP	3.0 MP	5.0 MP		4K ULTRA HD (8.0 MP)					
IMAGE	Image Sense	or	1/2.8" progressive	scan CMOS		1/1.8" progre	ssive scan CMOS	1/2.3" progressive scan CMOS					
PERFORMANCE	Aspect Ratio		16:9		4:3			16:9					
	Active Pixels (H x V)		1280 x 720	1920 x 1080	2048 x 1536	2592 x 1944	4	3840 x 2160					
	Imaging Area (H x V)		4.8 mm x 2.7mm;		5.12 mm x 3.84 mm; 0.202" x 0.151"	6.22 mm x 4.6	66 mm; 0.245" x 0.183	5.95 mm x 3.35 mm; 0.234" x 0.132"					
	IR Illumination	on Option 850 nm LEDs)	30 m (98 ft) max. distance at 0 lux 15 m (50 ft) max					15 m (50 ft) max distance at 0 lux					
	Minimum	3 -9 mm lens:	0.04 lux (F1.3) in c	olor mode; 0.008	3 lux (F1.3) in monochrome mode	N/A		N/A					
	Illumination 4.3 - 8 mm lens:		N/A				in color mode;	0.29 lux (F1.8) in color mode;					
		0.00	0.001 (54.6)		. (54.6):		8) in monochrome mode	0.058 lux (F1.8) in monochrome mode					
	9 - 22 mm lens:		0.08 lux (F1.6) in c	olor mode; 0.016	lux (F1.6) in monochrome mode		0.026 lux (F1.6) in color mode; 0.005 lux (F1.6) in monochrome mode	N/A					
	Image Rate (Full Resolution)		30 fps (20 fps with WDR enabled)			d) 30 fps		20 fps (30 fps in High Framerate mode)					
	Dynamic Range		67 dB			83 dB		91 dB					
	Dynamic Range (WDR Enabled)		120 dB triple exposure (20 fps or less); 100 dB dual exposure (30 fps)  N/A										
	Resolution Scaling Camera Operating Mode		Down to 768 x 432 Down to 1792 x 1344 Down to 3072 x 1728										
			N/A Full Feature or High Framerate mode (H and analytics disabled in High Framerate										
			E10 B11					and analytics disabled in riight raincrate mod					
LENS	Lens 3 - 9 mm lens:		F1.3, P-Iris, remote focus and zoom										
		4.3 - 8 mm lens:	F1.8, P-Iris, remote focus and zoom										
		9 - 22 mm lens:	F1.6, P-Iris, remote focus and zoom										
	Angle of	3 - 9 mm lens:	30° – 91°		32° – 98°	N/A							
	View	4.3 - 8 mm lens:	N/A		N/A	46° – 86°		44° – 81°					
		9 - 22 mm lens:	14° – 29°		15° – 31°	18° – 41°		N/A					
IMAGE CONTROL	Image Comp	oression Method	H.264 (MPEG-4 Pa	art 10/AVC), Motio	on JPEG								
	Streaming		H.264 (MPEG-4 Part 10/AVC), Motion JPEG Multi-stream H.264 and Motion JPEG										
		Management				cene Mode							
	Motion Dete	3	(1.0 - 3.0 MP) HDSM; (5.0 MP and 4K Ultra HD) HDSM 2.0; (ALL) Idle Scene Mode  Pixel and classified objects										
		pering Detection	Pixel and classified objects Yes										
		hutter Control	Automatic, Manual (1/6 to 1/8000 sec)										
	Iris Control		Automatic, Manual (1/6 to 1/8000 sec) Automatic, Manual										
	Day/Night C	ontrol	Automatic, Manual  Automatic, Manual										
	Flicker Control		50 Hz, 60 Hz										
	White Balan	ce	Automatic, Manual										
	Backlight Compensation		Adjustable										
	Privacy Zones		Up to 64 zones										
	Audio Comp	ression Method	G.711 PCM 8 kHz										
	Audio Input/Output		Line level input and output, A/V mini-jack (3.5 mm)										
	Video Outpu	ut	(1.0 - 2.0 MP only) NTSC/PAL, A/V mini-jack (3.5 mm)										
	External I/O	Terminals	Alarm In, Alarm Out										
	USB Port		USB 2.0										
NETWORK	Network		100BASE-TX										
	Cabling Type	e	CAT5										
	Connector		RJ-45										
	ONVIF		ONVIF compliant with version 1.02, 2.00, Profile S and 2.2.0 of the Analytics Service Specification										
	C		("bounding boxes and scene descriptions not available with third-party VMS)										
	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						
		rotocolo	RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP										
	_	rotocols		ν2		KIP/KISP/HIIP	S/TCP, HTTP						
	_		SNMP v2c, SNMP	v3		KIP/KISP/HIIP	S/TCP, HTTP						
	_					RIP/RISP/HIIP		T OUTDOOR DOME CAMERA					
MECHANICAL	_	agement Protocols	SNMP v2c, SNMP	ME CAMERA	72 mm x 172 mm x 124 mm; (6.8" x		SURFACE MOUN	T OUTDOOR DOME CAMERA 21 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Device Mana	agement Protocols	PENDANT DOI dome camera onl with wall mount (H	<b>ME CAMERA</b> ly: 1 H4-MT-WALL1): 2	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8'	6.8" x 4.9") ' x 6.8" x 6.0")	SURFACE MOUN						
MECHANICAL	Device Mana	agement Protocols	PENDANT DOI dome camera onl with wall mount (I- with NPT mount (I	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1	72 mm × 172 mm × 124 mm; (6.8" × 275 mm × 172 mm × 152.1 mm (10.8" 72 mm × 172 mm × 172.3 mm (6.8"	6.8" × 4.9") ' × 6.8" × 6.0") × 6.8" × 6.8")	SURFACE MOUN 163 mm x 163 mm x 1						
MECHANICAL	Device Mana	agement Protocols	PENDANT DOI dome camera onl with wall mount (H	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs)	6.8" × 4.9") ' × 6.8" × 6.0") × 6.8" × 6.8")	SURFACE MOUN						
MECHANICAL	Device Mana	agement Protocols	SNMP v2c, SNMP  PENDANT DOI  dome camera onl  with wall mount (I-  with NPT mount (I  dome camera onl	ME CAMERA ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1 H4-MT-WALL1): 1	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs)	6.8" × 4.9") ' × 6.8" × 6.0") × 6.8" × 6.8")	SURFACE MOUN 163 mm x 163 mm x 1						
MECHANICAL	Device Mana	agement Protocols (LxWxH)	SNMP v2c, SNMP  PENDANT DOI  dome camera onl  with wall mount (I-  with NPT mount (I  dome camera onl  with wall mount (I-	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1 H4-MT-WALL1): 1 H4-MT-NPTA1): 3	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs)	6.8" × 4.9") ' × 6.8" × 6.0") × 6.8" × 6.8")	SURFACE MOUN 163 mm x 163 mm x 1						
MECHANICAL	Device Mana Dimensions Weight	agement Protocols (LxWxH)	PENDANT DOI dome camera onl with wall mount (h dome camera onl with wall mount (h dome camera onl with wall mount (h with NPT mount (i	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1 H4-MT-WALL1): 1 H4-MT-NPTA1): 3	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs)	6.8" × 4.9") ' × 6.8" × 6.0") × 6.8" × 6.8")	SURFACE MOUN 163 mm x 163 mm x 1						
MECHANICAL	Device Mana Dimensions Weight Dome Bubb	agement Protocols (LxWxH)	PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- polycarbonate, cle Aluminum	ME CAMERA  ly: 1 144-MT-WALL1): 2 144-MT-NPTA1): 1 ly: 1 144-MT-WALL1): 1 H4-MT-WALL1): 3 ear	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) 3.00 kg (6.62 lbs)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1	21 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Device Mani Dimensions Weight Dome Bubb Body Housing	agement Protocols (LxWxH)	SNMP v2c, SNMP PENDANT DOI dome camera on with wall mount (F with NPT mount (I with NPT mount (I polycarbonate, cle Aluminum Pendant mount, v with wall mount (F	ME CAMERA  ly: 144-MT-WALL1): 2 144-MT-NPTA1): 1 144-MT-WALL1): 1 144-MT-NPTA1): 3 ear  vandal resistant 144-MT-WALL1) / N	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)	21 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Device Mani Dimensions Weight Dome Bubb Body	agement Protocols (LxWxH)	PENDANT DOI dome camera onl with wall mount (I- with NPT mount (I- dome camera onl with wall mount (I- with NPT mount (I- polycarbonate, cla Aluminum Pendant mount, v with wall mount (I- Powder coat, RAL	ME CAMERA  ly: 144-MT-WALL1): 244-MT-NPTA1): 144-MT-WALL1): 144-MT-NPTA1): 364 364 364 364 364 365 365 365 365 365 365 365 365 365 365	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) 3.00 kg (6.62 lbs)	6.8" x 4.9") 'x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)	21 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Device Mans Dimensions Weight Dome Bubb Body Housing Finish	agement Protocols (LxWxH) le Range	PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with will mount (i- with NPT mount (i- polycarbonate, cle Aluminum Pendant mount, v- with will mount (i- Powder coat, RAL 360° pan, 9° – 95	ME CAMERA  ly: 144-MT-WALL1): 2 144-MT-NPTA1): 1 144-MT-WALL1): 1 144-MT-NPTA1): 3 144-MT-WALL1) / N 1 19003 111 (30° – 95° wi	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) 3.00 kg (6.62 lbs)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)	21 mm; (6.4" x 6.4" x 4.8")					
	Device Mani Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	agement Protocols (LxWxH) lle Range prage	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (I- with NPT mount (I- with NPT mount (I- Polycarbonate, cle Aluminum Pendant mount, v with wall mount (I- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1 H4-MT-WALL1): 3 ear  randal resistant. H4-MT-WALL1) / N 9003 ° tilt (30° – 95° wi slot – minimum cl	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .00 kg (6.62 lbs) IPT mount (H4-MT-NPTA1).	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)	21 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Device Mani- Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	agement Protocols (LxWxH)  le  Range orage umption	PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- polycarbonate, cle Aluminum Pendant mount, v with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR o)	ME CAMERA  ly: 144-MT-WALL1): 2 H4-MT-NPTA1): 1 H4-MT-WALL1): 1 H4-MT-NPTA1): 3 ear  randal resistant. 14-MT-WALL1) / N 9003 ° tilt (30° – 95° wi slot – minimum cl	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .00 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180" azimuth lass 4; class 6 or better recommen	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
	Device Mani Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	agement Protocols (LxWxH)  le  Range orage umption	PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cla Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s- 7 W (9 W for -IR ol VDC: 12 V +/- 10%	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 ly: 1 H4-MT-WALL1): 1 H4-MT-NPTA1): 3 ear  andal resistant. 44-MT-WALL1) / N 9003 ° tilt (30° – 95° wi slot – minimum cl ption) , 7 W min (9 W m	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .00 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180" azimuth lass 4; class 6 or better recommen	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)	21 mm; (6.4" x 6.4" x 4.8") al resistant					
	Device Mani- Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	agement Protocols (LxWxH)  le  Range orage umption ce	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (I- with NPT mount (I- dome camera onl with wall mount (Follycarbonate, Cle Aluminum Pendant mount, v with wall mount (Follycarbonate, Cle Aluminum Pendant mount, v with wall mount (Follycarbonate, Cle Aluminum Powder coat, Rai 360° pan, 9° – 95 SD/SDHC/SDXC 7 W (9 W for I-R o) VDC: 12 V +/- 10% VAC: 24 V +/- 10% 2-pin terminal blo	ME CAMERA  ly: 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1) / N 1-9003 1-103 tilt (30° – 95° wi 1-105 slot – minimum cl 1-105 ption) 1, 7 W min (9 W m 1, 10 VA min (13 V) 1-105 ck	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .00 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
	Device Mani Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	agement Protocols (LxWxH)  lle  Range orage umption ce lector	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (I- with NPT mount (I- dome camera onl with wall mount (I- representation of the control with NPT mount (I- Polycarbonate, cla Aluminum Pendant mount, v with wall mount (I- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR of VDC: 12 V +/- 10% VAC: 24 V +/- 10%	ME CAMERA  ly: 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1): 1-44-MT-WALL1) / N 1-9003 1-103 tilt (30° – 95° wi 1-105 slot – minimum cl 1-105 ption) 1, 7 W min (9 W m 1, 10 VA min (13 V) 1-105 ck	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .00 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
	Device Mani- Dimensions Weight  Dome Bubb Body Housing Finish Adjustment Onboard Ste Power Cons Power Source Power Conn	agement Protocols (LxWxH)  le  Range orage umption ce tector b Battery	PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with NPT mount (i- dome camera onl with wall mount (i- polycarbonate, cle Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR o) VDC: 12 V +/- 10% VAC: 24 V +/- 10% 2-pin terminal blo 3V manganese littl	ME CAMERA  ly: 1 1-4-MT-WALL1): 2 H4-MT-WPTA1): 1 H4-MT-WPTA1): 3 ear  randal resistant. H4-MT-WALL1) / N 9003 ° tilt (30° – 95° wi slot – minimum cl ption) , 7 W min (9 W m , 10 VA min (13 V) ck hium  40 °F to 140 °F)	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen in with -IR option) A min with -IR option)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
ELECTRICAL	Device Manicological Dimensions  Weight  Dome Bubb Body  Housing  Finish  Adjustment Onboard Sto  Power Cons  Power Cons  RTC Backup  Operating To	agement Protocols (LxWxH)  le  Range orage umption ce sector s Battery emperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cli Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR or VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 05 V	ME CAMERA  ly: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 H4-MT-WALL1): 3 ear  Mandal resistant. H4-MT-WALL1) / N 9003 ° tilt (30° – 95° wi slot – minimum cl ption) , 7 W min (9 W m , 10 VA min (13 W ck hium  40 °F to 140 °F) °C to +50 °C (-40	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen in with -IR option) A min with -IR option)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
ELECTRICAL	Device Manicological Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto Power Cons Power Cons Power Sourc Power Conn RTC Backup Operating Te Storage Tem	agement Protocols (LxWxH)  le  Range orage umption ce sector s Battery emperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cli Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR oi- VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% VAC: 04 V +/- 10% VAC: 05	ME CAMERA  ly: 1 1-44-MT-WALL1): 2 1-44-MT-WPTA1): 1 1-44-MT-WALL1): 3 1-44-MT-WALL1): 3 1-44-MT-WALL1) / N 1-9003  ° tilt (30° – 95° wi 1-91000)  ", 7 W min (9 W m 1, 10 VA min (13 W 1) ck  hium  1-40 °F to 140 °F)  "C to +50 °C (-40  4 °F to 158 °F)	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen in with -IR option) A min with -IR option)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
ELECTRICAL	Device Manicological Dimensions  Weight  Dome Bubb Body  Housing  Finish  Adjustment Onboard Sto  Power Cons  Power Cons  RTC Backup  Operating To	agement Protocols (LxWxH)  le  Range orage umption ce sector s Battery emperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cli Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR or VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 05 V	ME CAMERA  ly: 1 1-44-MT-WALL1): 2 1-44-MT-WPTA1): 1 1-44-MT-WALL1): 3 1-44-MT-WALL1): 3 1-44-MT-WALL1) / N 1-9003  ° tilt (30° – 95° wi 1-91000)  ", 7 W min (9 W m 1, 10 VA min (13 W 1) ck  hium  1-40 °F to 140 °F)  "C to +50 °C (-40  4 °F to 158 °F)	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs) IPT mount (H4-MT-NPTA1). th -IR option), ±180° azimuth lass 4; class 6 or better recommen in with -IR option) A min with -IR option)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8") al resistant					
ELECTRICAL	Device Manicological Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto Power Cons Power Cons Power Sourc Power Conn RTC Backup Operating Te Storage Tem	agement Protocols (LxWxH)  le  Range orage umption ce sector b Battery emperature sperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- polycarbonate, cla Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR o  VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% 2 -pin terminal blo 3V manganese litt -40 °C to +60 °C (- (8.0 MP only) -40 °10 °C to +70 °C (i- 0 - 95% non-cond	ME CAMERA  by: 1 144-MT-WALL1): 2 H44-MT-NPTA1): 1 y: 1 144-MT-WALL1): 3 ear  randal resistant. 144-MT-WALL1) / N 19003  ° tilt (30° – 95° wi slot – minimum cl ption) 7 W min (9 W m 1, 10 VA min (13 V) ck hium  40° F to 140° F) °C to +50° C (-40 4° F to 158° F) Idensing	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" 72 mm x 172 mm x 172.3 mm (6.8" .55 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs)  IPT mount (H4-MT-NPTA1) th -IR option), ±180° azimuth lass 4; class 6 or better recommen in with -IR option) A min with -IR option)	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs) Surface mount, vanda	21 mm; (6.4" x 6.4" x 4.8")  al resistant					
ELECTRICAL	Device Manicological Device Manicological Dimensions  Weight  Dome Bubb Body  Housing  Finish  Adjustment Onboard Sto Power Cons Power Cons Power Source  Power Conn RTC Backup  Operating To Storage Tem Humidity	agement Protocols (LxWxH)  le  Range orage umption ce sector b Battery emperature sperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- polycarbonate, cla Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR o  VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% 2 -pin terminal blo 3V manganese litt -40 °C to +60 °C (- (8.0 MP only) -40 °10 °C to +70 °C (i- 0 - 95% non-cond	ME CAMERA  by: 1 1-44-MT-WALL1): 2 1-44-MT-WALL1): 1 1-44-MT-WALL1): 3 1-44-MT-WALL1): 3 1-44-MT-WALL1): 7 1-40-MT-WALL1): 7 1-9003 1-111 (30° – 95° will (30°	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" x 152.1 mm (10.8" x 152.1 mm (10.8" x 155 kg (3.42 lbs) x 180 kg (3.98 lbs) x 180 kg (6.62 lbs) x 197 mount (H4-MT-NPTA1). x 198 mount (H4-MT-NPTA1). x 198 mount (H4-MT-NPTA1) x 198 mou	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8") ded	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)  Surface mount, vanda E802.3af Class 3 com	21 mm; (6.4" x 6.4" x 4.8")  al resistant					
ELECTRICAL	Device Manicological Dimensions  Weight  Dome Bubb Body  Housing  Finish  Adjustment Onboard Sto Power Cons Power Cons Power Source  Power Conn  RTC Backup  Operating To Storage Terr  Humidity  Certifications	agement Protocols (LxWxH)  le  Range orage umption ce sector Battlery emperature sperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cli Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR oi- VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% VAC: 04 +/- 10° C to +60°C (i- (8.0 MP only) -40° -10°C to +70°C (I- 0 - 95% non-cond UL	ME CAMERA  by: 1 1-44-MT-WALL1): 2 1-44-MT-WPTA1): 1 1-44-MT-WALL1): 3 1-44-MT-WALL1): 3 1-44-MT-WALL1): 7 1-44-MT-WALL1): 7 1-40-MT-WALL1): 7 1-40-MT-WALL1	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" x 152.1 mm (10.8" x 152.1 mm (10.8" x 155 kg (3.42 lbs) x 180 kg (3.98 lbs) x 180 kg (6.62 lbs) x 197 mount (H4-MT-NPTA1). x 198 mount (H4-MT-NPTA1). x 198 mount (H4-MT-NPTA1) x 198 mou	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")  ded  PoE: IEEI	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)  Surface mount, vanda E802.3af Class 3 com	21 mm; (6.4" x 6.4" x 4.8")  al resistant  mpliant					
ELECTRICAL	Device Manicological Device Manicological Dimensions  Weight  Dome Bubb Body  Housing  Finish  Adjustment Onboard Store  Power Cons  Power Cons  Power Cons  TC Backup  Operating To Storage Tem  Humidity  Certification: Safety  Environment	agement Protocols (LxWxH)  le  Range orage umption ce sector Battlery emperature sperature	SNMP v2c, SNMP PENDANT DOI dome camera onl with wall mount (i- with NPT mount (i- dome camera onl with wall mount (i- with NPT mount (i- Polycarbonate, cli Aluminum Pendant mount, v- with wall mount (i- Powder coat, RAL 360° pan, 9° – 95 SD/SDHC/SDXC s 7 W (9 W for -IR oi- VDC: 12 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% VAC: 24 V +/- 10% C-pin terminal bil do "C to +60 °C (i- 0 - 95% non-cond UL UL 60950-1	ME CAMERA  by: 1 H4-MT-WALL1): 2 H4-MT-NPTA1): 1 by: 1 H4-MT-WALL1): 1 H4-MT-WALL1): 3 ear  andal resistant. H4-MT-WALL1) / N 9003 * tilt (30° – 95° wi slot – minimum cl ption) , 7 W min (9 W m , 10 VA min (13 W ck hium  40 °F to 140 °F) "C to +50 °C (-40 4 °F to 158 °F) lensing  tUL (6 50-22	72 mm x 172 mm x 124 mm; (6.8" x 275 mm x 172 mm x 152.1 mm (10.8" x 152.1 mm (10.8" x 155 kg (3.42 lbs) .80 kg (3.98 lbs) .80 kg (6.62 lbs) .80 kg (6.62 lbs) .81	6.8" x 4.9") x 6.8" x 6.0") x 6.8" x 6.8")  ded  PoE: IEEI	SURFACE MOUN 163 mm x 163 mm x 1 1.35 kg (2.97 lbs)  Surface mount, vanda E802.3af Class 3 com	21 mm; (6.4" x 6.4" x 4.8")  al resistant  mpliant					

Objects in Area	The event is triggered when the selected object type moves into the region of interest.
Object Loitering	The event is triggered when the selected object type stays within the region of interest for an extended amount of time.
Objects Crossing Beam	The event is triggered when the specified number of objects have crossed the directional beam that has is configured over the camera's field of view. The beam can be unidirectional or bidirectional.
Object Appears or Enters Area	The event is triggered by each object that enters the region of interest. This event can be used to count objects.
Object Not Present in Area	The event is triggered when no objects are present in the region of interest.
Objects Enter Area	The event is triggered when the specified number of objects have entered the region of interest.
Objects Leave Area	The event is triggered when the specified number of objects have left the region of interest.
Object Stops in Area	The event is triggered when an object in a region of interest stops moving for the specified threshold time.
Direction Violated	The event is triggered when an object moves in the prohibited direction of travel.
Tamper Detection	The event is triggered when the scene unexpectedly changes.

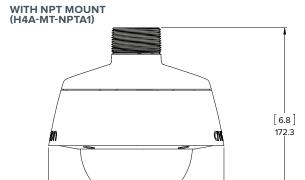
### **Outline Dimensions**

#### Pendant Dome Camera

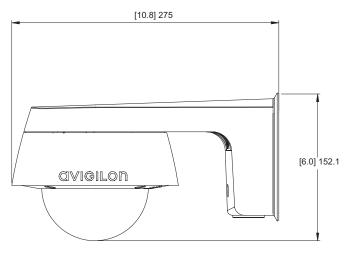
#### WITH WALL MOUNT (H4A-MT-WALL1)

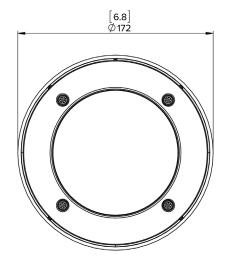


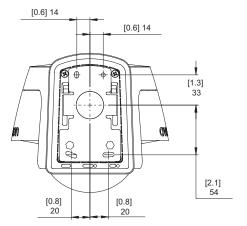
[X.X]	INCHES
Χ	MM



[ 6.8 ] Ø172

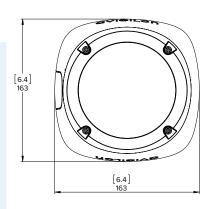


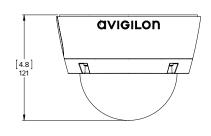


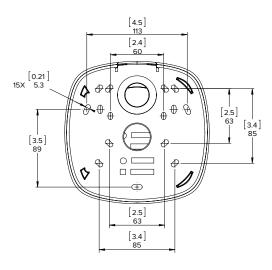


#### Surface Mount Outdoor Dome Camera

(H4A-DO)







## Ordering Information

						IR	
1.0C-H4A-DP1	1.0	✓	✓	✓	3 - 9 mm		
1.0C-H4A-DP1-IR	1.0	✓	✓	✓	3 - 9 mm	✓	
1.0C-H4A-DP2	1.0	✓	✓	✓	9 - 22 mm		
2.0C-H4A-DP1	2.0	✓	✓	✓	3 - 9 mm		
2.0C-H4A-DP1-IR	2.0	✓	✓	✓	3 - 9 mm	✓	
2.0C-H4A-DP2	2.0	✓	✓	✓	9 - 22 mm		
3.0C-H4A-DP1	3.0	✓	✓	✓	3 - 9 mm		
3.0C-H4A-DP1-IR	3.0	✓	✓	✓	3 - 9 mm	✓	
3.0C-H4A-DP2	3.0	✓	✓	✓	9 - 22 mm		
5.0L-H4A-DP1	5.0		✓	✓	4.3 - 8 mm		
5.0L-H4A-DP1-IR	5.0		✓	✓	4.3 - 8 mm	✓	
5.0L-H4A-DP2	5.0		✓	✓	9 - 22 mm		
8.0-H4A-DP1	8.0			✓	4.3 - 8 mm		
8.0-H4A-DP1-IR	8.0			✓	4.3 - 8 mm	✓	
H4A-MT-WALL1	Indoor/Outdoor Pendant Wall Arm Mount						
H4A-MT-NPTA1	Indoor/Outdoor Pendant NPT Mount						
H4A-DP-SMOK1	Dome Camera Cover with Smoked Bubble						
H4A-DP-CLER1	Dome Camera Cover with Clear Bubble						
H4-MT-POLE1	Aluminum pole mounting bracket for H4 HD Pendant Dome Cameras and H4 HD Bullet Cameras						
H4-MT-CRNR1	Aluminum corner mounting bracket for H4 HD Pendant Dome Cameras and H4 HD Bullet Cameras						
H4A-AC-GROM1	Camera Sealing Grommet, Pack of 10						
H4-AC-WIFI1-NA	USB Wifi Adapter						
CM-AC-AVIO1	3.5 mm Jack with 1.8 m Fly Wires						
CM-AC-GROM1	Pipe Grommet, Pack of	of 10					

SURFACE MOUNT OUTDOOR DOME CAMERAS	MP	WDR	LIGHTCATCHER	ANALYTICS	LENS	IR	
1.0C-H4A-DO1	1.0	✓	✓	✓	3 - 9 mm		
1.0C-H4A-D01-IR	1.0	✓	✓	✓	3 - 9 mm	✓	
1.0C-H4A-DO2	1.0	✓	✓	✓	9 - 22 mm		
2.0C-H4A-DO1	2.0	✓	✓	✓	3 - 9 mm		
2.0C-H4A-D01-IR	2.0	✓	✓	✓	3 - 9 mm	✓	
2.0C-H4A-DO2	2.0	✓	✓	✓	9 - 22 mm		
3.0C-H4A-D01	3.0	✓	✓	✓	3 - 9 mm		
3.0C-H4A-D01-IR	3.0	✓	✓	✓	3 - 9 mm	✓	
3.0C-H4A-DO2	3.0	✓	✓	✓	9 - 22 mm		
5.0L-H4A-DO1	5.0		✓	✓	4.3 - 8 mm		
5.0L-H4A-DO1-IR	5.0		✓	✓	4.3 - 8 mm	✓	
5.0L-H4A-DO2	5.0		✓	✓	9 - 22 mm		
8.0-H4A-DO1	8.0			✓	4.3 - 8 mm		
8.0-H4A-DO1-IR	8.0			✓	4.3 - 8 mm	✓	
H4A-DO-SMOK1	Outdoor Dome Camera Cover with Smoked Bubble						
H4A-DO-CLER1	Outdoor Dome Camera Cover with Clear Bubble						
H4-AC-WIFI1-NA	USB Wifi Adapter						
H4A-AC-GROM1	Camera Sealing Grommet, Pack of 10						
CM-AC-AVIO1	3.5 mm Jack with 1.8 m Fly Wires						
CM-AC-GROM1	Pine Grommet Pack of 10						