# 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

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

Full Feature or High Framerate camera operating modes (4K Ultra HD model)

Specifications

Aspect Ratio

IMAGE PERFORMANCE 1.0 MP

16:9

2.0 MP

1/2.8" progressive scan CMOS

3.0 MP

4:3

5.0 MP

4K ULTRA HD (8.0 MP)

1/1.8" progressive scan CMOS 1/2.3" progressive scan CMOS

16:9

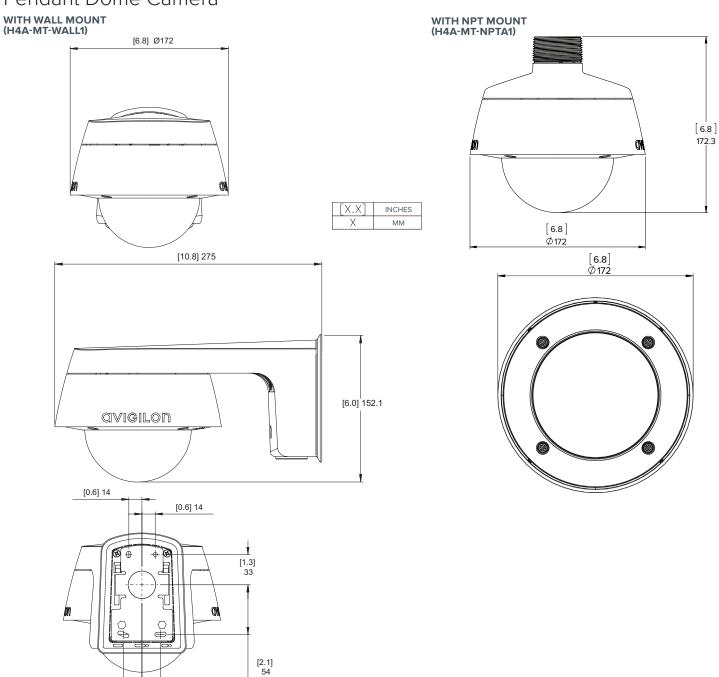
	Aspect Ratio		16:9 4:3 16:9								
	Active Pixels	s (H x V)	1280 x 720 1920 x 1080	2048 x 1536	2592 x 1944	3840 x 2160					
	Imaging Are	a (H x V)	4.8 mm x 2.7mm; 0.189" x 0.106"		6.22 mm x 4.66 mm; 0.245"	5.95 mm x 3.35 mm; 0.234" x 0.132"					
	ID III	0	20 (00 ft)	0.151"	x 0.183	4F (FO (t) di-tt O (					
	IR Illumination	850 nm LEDs)	30 m (98 ft) max. distance at 0 lu	ix		15 m (50 ft) max distance at 0 lux					
		3 -9 mm lens:	0.04 Juy (E1.3) in color mode: 0.0	08 lux (F1.3) in monochrome mode	N/A	N/A					
		4.3 - 8 mm lens:		ob lax (i i.s) iii monociiiome mode							
	marmidadir	4.3 - 8 mm lens:	N/A		0.033 lux (F1.8) in color mode	0.29 lux (F1.8) in color mode;					
					0.0066 lux (F1.8) in	0.058 lux (F1.8) in monochrome mode					
		0 00 1	0.001 (54.6): 1 1 0.0		monochrome mode	N1/A					
		9 - 22 mm lens:	0.08 lux (F1.6) in color mode; 0.0	16 lux (F1.6) in monochrome mode	0.026 lux (F1.6) in color mode						
					0.005 lux (F1.6) in monochromomode	9					
	Imago Pato	(Full Resolution)	30 fps	30 fps (20 fps with WDR enabled)		20 fps (30 fps in High Framerate mode)					
	_			30 lp3 (20 lp3 With WDR enabled)	·	91 dB					
	Dynamic Range		67 dB		83 dB	91 08					
	Dynamic Range (WDR Enabled)		120 dB triple exposure (20 fps o	r less); 100 dB dual exposure (30 fps)	N/A						
		Caalina	Down to 769 v 422		Down to 1792 x 1344	Down to 2072 v 1729					
	Resolution S		Down to 768 x 432	Down to 3072 x 1728							
	Camera Ope	erating Mode	N/A	Full Feature or High Framerate mode (HDSM							
				2.0 and analytics disabled in High Framerate							
			mode)								
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 zoo								
	Angle of	3 - 9 mm lens:	30° – 91°								
	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	Imago Corre										
IMAGE CONTROL		oression Method		H.264 (MPEG-4 Part 10/AVC), Motion JPEG							
	Streaming		Multi-stream H.264 and Motion								
	Bandwidth N	Management	(1.0 - 3.0 MP) HDSM; (5.0 MP and	d 4K Ultra HD) HDSM 2.0; (ALL) Idle So	cene Mode						
	Motion Dete	ection	Pixel and classified objects								
	Camera Tam	pering Detection	Yes								
		hutter Control									
		nutter Control	Automatic, Manual (1/6 to 1/8000 sec)								
	Iris Control		Automatic, Manual								
	Day/Night C	ontrol	Automatic, Manual								
	Flicker Cont	rol	50 Hz, 60 Hz								
	White Balan	ce	Automatic, Manual								
	Backlight Co	mpensation	Adjustable								
	Privacy Zone		Up to 64 zones								
		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								
			100BASE-TX								
NETWORK	Network										
	Cabling Type	е	CAT5								
	Connector		RJ-45								
			ONVIF compliant with version 1.02, 2.00, Profile S and 2.2.0 of the Analytics Service Specification								
	ONVIF		("bounding boxes and scene descriptions not available with third-party VMS)  Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication								
	ONVIF		(*bounding boxes and scene de	scriptions not available with third-part	y VMS)						
	ONVIF Security					802.1x port based authentication					
			Password protection, HTTPS en		thentication, user access log,	802.1x port based authentication					
	Security	rotocols	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS,	cryption, digest authentication, WS au	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP	802.1x port based authentication					
	Security Protocol Streaming P		Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP	802.1x port based authentication					
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	Security Protocol Streaming P Device Mana Protocols	agement	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3 PENDANT DOME CAMERA	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP SURFACE MOU	JNT OUTDOOR DOME CAMERA					
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MECHANICAL	Security Protocol Streaming P Device Mana Protocols Dimensions	agement (LxWxH)	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTAT); dome camera only: with wall mount (H4-MT-NPTAT); with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6 275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  .8" x 4.9") 163 mm x 163 mm  16.8" x 6.8" x 6.8")	JNT OUTDOOR DOME CAMERA					
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MECHANICAL	Security Protocol Streaming P Device Man- Protocols Dimensions Weight Dome Bubb Body	agement (LxWxH)	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RTSNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): Polycarbonate, clear Aluminum Pendant mount, vandal resistant	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  .8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA  x 121 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish	agement (LxWxH)	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003	27. Pryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP, UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  .8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA  x 121 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment	agement (LxWxH) le Range	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95°	ryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm × 172 mm × 124 mm; (6.8" × 6.275 mm × 172 mm × 152.1 mm (10.8" × 6.0") 172 mm × 172 mm × 172.3 mm (6.8" × 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA  x 121 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	(LxWxH)  le  Range prage	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum	27. Pryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP, UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA  x 121 mm; (6.4" x 6.4" x 4.8")					
MECHANICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment	(LxWxH)  le  Range prage	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95°	ryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm × 172 mm × 124 mm; (6.8" × 6.275 mm × 172 mm × 152.1 mm (10.8" × 6.0") 172 mm × 172 mm × 172.3 mm (6.8" × 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA  x 121 mm; (6.4" x 6.4" x 4.8")					
	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto	(LxWxH)  le  Range orage umption	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum	27. cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP, UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm × 172 mm × 124 mm; (6.8" × 6.275 mm × 172 mm × 152.1 mm (10.8" × 6.0") 172 mm × 172 mm × 172.3 mm (6.8" × 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x 6.8")  1.35 kg (2.97 lbs)	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Str. Power Cons	(LxWxH)  le  Range orage umption	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option)	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Str. Power Cons	egement  (LxWxH)  le  Range  prage  umption  ce	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RTSNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto Power Cons Power Source	(LxWxH)  le  Range prage umption ce ector	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RTSNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum V W 9 W for -IR option)  VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 VA min (13)	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
ELECTRICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto Power Cons Power Conn RTC Backup	le Range orage umption ce eector Battery	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RTSNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 VA min (13 2-pin terminal block 3V manganese lithium	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP, UDP, IGMI (P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R' 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs) - with wall mount (H4-MT-WALL1) / NE with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option) VA min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
	Security Protocol Streaming P Device Mana Protocols  Dimensions  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Sto Power Cons Power Conn RTC Backup	le Range orage umption ce eector Battery	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): with NPT mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 V M min (13 2-pin terminal block 3V manganese lithium -40 °C to +60 °C (-40 °F to 140 °F	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
ELECTRICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Ste Power Cons Power Source Power Conn RTC Backup Operating Te	Range corage umption ce lector Battery emperature	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 VA min (13 2-pin terminal block 3V manganese lithium -40 °C to +60 °C (-40 °F to 140 °F (8.0 MP only) -40 °C to +50 °C (-46 °C (-40 °C to +50 °	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
ELECTRICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Str Power Cons Power Source Power Cons Power Cons Storage Tem	Range corage umption ce lector Battery emperature	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): Polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 VA min (13 2-) in terminal blick 3V manganese lick 10° C (4-10° C to +50° C (4-10° C	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					
ELECTRICAL	Security Protocol Streaming P Device Mana Protocols  Dimensions  Weight  Dome Bubb Body Housing Finish Adjustment Onboard Ste Power Cons Power Source Power Conn RTC Backup Operating Te	Range corage umption ce elector Battery emperature	Password protection, HTTPS end IPv4, HTTP, HTTPS, SOAP, DNS, RTP/UDP, RTP/UDP multicast, RT SNMP v2c, SNMP v3  PENDANT DOME CAMERA dome camera only: with wall mount (H4-MT-WALL1): with NPT mount (H4-MT-NPTA1): dome camera only: with wall mount (H4-MT-NPTA1): polycarbonate, clear Aluminum Pendant mount, vandal resistant (H4-MT-NPTA1) Powder coat, RAL 9003 360° pan, 9° – 95° tilt (30° – 95° SD/SDHC/SDXC slot – minimum 7 W (9 W for -IR option) VDC: 12 V +/- 10%, 7 W min (9 W VAC: 24 V +/- 10%, 10 VA min (13 2-pin terminal block 3V manganese lithium -40 °C to +60 °C (-40 °F to 140 °F (8.0 MP only) -40 °C to +50 °C (-46 °C (-40 °C to +50 °	cryption, digest authentication, WS au NTP, RTSP, RTCP, RTP, TCP,UDP, IGMI P/RTSP/TCP, RTP/RTSP/HTTP/TCP, R 172 mm x 172 mm x 124 mm; (6.8" x 6.275 mm x 172 mm x 152.1 mm (10.8" x 6.0") 172 mm x 172 mm x 172.3 mm (6.8" x 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  - with wall mount (H4-MT-WALL1) / NF with -IR option), ±180° azimuth class 4; class 6 or better recommend min with -IR option)	thentication, user access log, P, ICMP, DHCP, Zeroconf, ARP TP/RTSP/HTTPS/TCP, HTTP  SURFACE MOU  8.8" x 4.9") 163 mm x 163 mm  6.8" x 6.8" x  1.35 kg (2.97 lbs)  PT mount Surface mount, valued	JNT OUTDOOR DOME CAMERA  1 x 121 mm; (6.4" x 6.4" x 4.8")  andal resistant					

CERTIFICATIONS	Certifications/Directives	UL	cUL	CE	ROHS	WEEE	RCM	KC	EAC		
	Safety	UL 60950-1		CSA 60950-1		IEC/EN 60950-1		IEC 62471 (for -IR options only)			
	Environmental	UL/CSA/IEC 60950-22		IEC 60529 IP66 Rating		IK10 Impact Rating					
	Electromagnetic Emissions	FCC Part 15 Subpart B Class B		IC ICES-003 Class B		EN 55022 Class B		EN 61000-6-3	EN 61000-3-2 EN 61000-3-3 KN 32		
	Electromagnetic Immunity	EN 55024				EN 61000-6-1			KN 35		
SUPPORTED VIDEO ANALYTICS	Objects in Area	The event is tr	The event is triggered when the selected object type moves into the region of interest.								
EVENTS	Object Loitering	The event is tr	The event is triggered when the selected object type stays within the region of interest for an extended amount of time.								
	Objects Crossing Beam		iggered when the be unidirectiona		pecified number of objects have crossed the directional beam that is configured over the camera's field of view. bidirectional.						
	Object Appears or Enters Area	The event is tr	iggered by each	object that enter	s the regio	n 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 tr	iggered when the	e scene unexpectedly changes.							

### **Outline Dimensions**

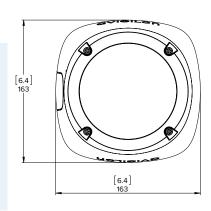
[0.8] 20

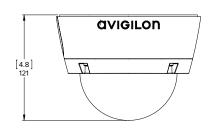
#### Pendant Dome Camera

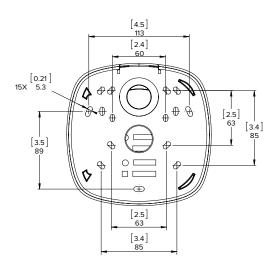


#### Surface Mount Outdoor Dome Camera

(H4A-DO)







## Ordering Information

PENDANT DOME CAMERAS	MP	WDR	LIGHTCATCHER	ANALYTICS	LENS	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 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-D01	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-DO1	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	Pipe Grommet, Pack of 10								