# 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

#### **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

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

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

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

Specifi		O D C													
•			1.0 MP	2.0 MP	3.0 MP		) MP	4K ULTRA HD (8.0 MP)							
IMAGE PERFORMANCE	Image Sens		1/2.8" progressiv	e scan CMOS	4.2	1/1.8	3" progressive scan CMO	. 5							
	Aspect Ratio		16:9	4000 4000	4:3	250		16:9							
	Active Pixels (H x V)		1280 x 720	1920 x 1080	2048 x 1536		2 x 1944	3840 x 2160							
	imaging Are	Imaging Area (H x V)		; 0.189" x 0.106"	5.12 mm x 3.84 mm; 0.202" x 0	0.183	? mm x 4.66 mm; 0.245" x 3	5.95 mm x 3.35 mm; 0.234" x 0.132"							
	IR Illumination Option		30 m (98 ft) max. distance at 0 lux												
	Minimum	3 -9 mm lens:	0.04 kg/(E1.2) in color mode: 0.009 kg/(E1.2) in monochrome mode					N/A							
	Illumination			0.04 lux (F1.3) in color mode; 0.008 lux (F1.3) in monochrome mode											
		4.3 - 8 mm lens:		N/A 0.03 0.00				0.29 lux (F1.8) in color mode; 0.058 lux (F1.8) in monochrome mode	9						
							e C l (F4 C) l l								
	9 - 22 mm lens:		0.08 lux (F1.6) in	color mode; 0.0	16 lux (F1.6) in monochrome mo		6 lux (F1.6) in color mode; 5 lux (F1.6) in monochrome mo	N/A ode							
	Image Rate (Full Resolution)		30 fps					20 fps (30 fps in High Framerate mod	le)						
	Dynamic Range		67 dB			iB	91 dB								
	Dynamic Ra	nge (WDR Enabled)	120 dB triple exposure (20 fps or less); 100 dB dual exposure (30 fps)			0 fps) N/A									
	Resolution Scaling		Down to 768 x 432				vn to 1792 x 1344	Down to 3072 x 1728							
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, remo	te focus and zo	om										
	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°		– 41°	N/A							
						.0									
IMAGE CONTROL		pression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG												
	Streaming		Multi-stream H.264 and Motion JPEG												
		Management 			d 4K Ultra HD) HDSM 2.0; (ALL)	idle Scene	Mode								
	Motion Dete		Pixel and classifi	ea objects											
		npering Detection	Yes	1.446 : ::==											
		hutter Control		Automatic, Manual (1/6 to 1/8000 sec)											
	Iris Control		Automatic, Manual												
	Day/Night C			Automatic, Manual											
	Flicker Cont		50 Hz, 60 Hz												
	White Balance		Automatic, Manual												
	Backlight Compensation		Adjustable												
	Privacy Zon		Up to 64 zones												
		pression Method	G.711 PCM 8 kHz												
	Audio Input/Output		Line level input and output, A/V mini-jack (3.5 mm)												
	Video Output		(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 Typ	Cabling Type							CAT5						
	Connector		RJ-45												
	Connector		ONVIF compliant with version 1.02, 2.00, Profile S and 2.2.0 of the Analytics Service Specification ("bounding boxes and scene descriptions not available with third-party VMS)												
	Connector ONVIF														
	ONVIF		(*bounding boxe	s and scene de	scriptions not available with thir	d-party VM	S)	802.1x port based authentication							
	ONVIF Security		(*bounding boxe Password protect	s and scene de tion, HTTPS end	scriptions not available with thir cryption, digest authentication, <sup>1</sup>	d-party VM WS authent	S) tication, user access log, t	802.1x port based authentication							
	ONVIF Security Protocol	Protocols	(*bounding boxe Password protect IPv4, HTTP, HTT	s and scene de tion, HTTPS end PS, SOAP, DNS,	scriptions not available with thir cryption, digest authentication, \ NTP, RTSP, RTCP, RTP, TCP,UDI	d-party VM WS authent P, IGMP, ICN	IS) tication, user access log, i MP, DHCP, Zeroconf, ARP								
	ONVIF Security Protocol Streaming F	Protocols agement Protocols	(*bounding boxe Password protect IPv4, HTTP, HTTP RTP/UDP, RTP/U	s and scene de tion, HTTPS end PS, SOAP, DNS, DP multicast, R	scriptions not available with thir cryption, digest authentication, <sup>1</sup>	d-party VM WS authent P, IGMP, ICN	IS) tication, user access log, i MP, DHCP, Zeroconf, ARP								
	ONVIF Security Protocol Streaming F		(*bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM	s and scene de tion, HTTPS end PS, SOAP, DNS, DP multicast, R' P v3	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/	d-party VM WS authent P, IGMP, ICN	IS) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP								
	ONVIF Security Protocol Streaming F Device Man	agement Protocols	(*bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO	s and scene de tion, HTTPS end PS, SOAP, DNS, DP multicast, R' P v3	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/	d-party VM: WS authent P, IGMP, ICN TCP, RTP/R	IS) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI	UNT OUTDOOR DOME CAMERA							
MECHANICAL	ONVIF Security Protocol Streaming F	agement Protocols	(*bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO dome camera or	s and scene de tion, HTTPS end PS, SOAP, DNS, DP multicast, R P v3  ME CAMERA nly:	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/	d-party VM WS authent P, IGMP, ICM TCP, RTP/R	IS) tication, user access log, i the property of the property	UNT OUTDOOR DOME CAMERA							
MECHANICAL	ONVIF Security Protocol Streaming F Device Man	agement Protocols	(*bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO	s and scene de tion, HTTPS end PS, SOAP, DNS, DP multicast, R P v3  ME CAMERA nly:	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/	d-party VM WS authent P, IGMP, ICM TCP, RTP/R	IS) tication, user access log, i the property of the property	UNT OUTDOOR DOME CAMERA							
MECHANICAL	ONVIF Security Protocol Streaming F Device Man	agement Protocols	("bounding boxe Password protec IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO dome camera or with wall mount WALL1): with NPT mount	s and scene de tion, HTTPS en PS, SOAP, DNS, DP multicast, R' P v3  ME CAMERA ally: (H4-MT-	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (	d-party VM. WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x 10.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI 4.9") 163 mm x 163 mm " x	UNT OUTDOOR DOME CAMERA							
MECHANICAL	ONVIF Security Protocol Streaming F Device Man	agement Protocols	("bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO dome camera or with wall mount WALL1): with NPT mount NPTA1):	s and scene de ttion, HTTPS en PS, SOAP, DNS, DP multicast, R P v3  ME CAMERA ally: (H4-MT- (H4-MT-	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0")	d-party VM. WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x 10.8" x 6.8"	IS) itication, user access log, itication, user access log, it	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
MECHANICAL	ONVIF Security Protocol Streaming F Device Man	agement Protocols	("bounding boxe Password protec IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DC dome camera or with wall mount WALL1): with NPT mount NPTA1): dome camera or dome camera or dome camera or dome camera or	s and scene de ttion, HTTPS en PS, SOAP, DNS, DP multicast, R' P v3  ME CAMERA  hly: (H4-MT- (H4-MT- hly:	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0")  172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs)	d-party VM. WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x 10.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI 4.9") 163 mm x 163 mm " x	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
MECHANICAL	ONVIF Security Protocol Streaming F Device Man	agement Protocols	("bounding boxe Password protect IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DO dome camera or with wall mount WALL1): with NPT mount NPTA1):	s and scene de ttion, HTTPS en PS, SOAP, DNS, DP multicast, R' P v3  ME CAMERA  hly: (H4-MT- (H4-MT- hly:	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0")	d-party VM. WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x 10.8" x 6.8"	IS) itication, user access log, itication, user access log, it	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
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MECHANICAL	ONVIF Security Protocol Streaming F Device Man Dimensions Weight	agement Protocols (LxWxH)	("bounding boxe Password protec" IPv4, HTTP, HTTI RTP/UDP, RTP/UDP	s and scene de  tion, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  aly:  (H4-MT-  ily:  (H4-MT-	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 .275 mm x 172 mm x 152.1 mm (6.0")  172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs)  3.00 kg (6.62 lbs)	d-party VM. WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x 10.8" x 6.8"	IS) itication, user access log, itication, user access log, it	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
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MECHANICAL	ONVIF Security Protocol Streaming F Device Man Dimensions Weight Dome Bubb Body	agement Protocols (LxWxH)	("bounding boxe Password protec IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DC dome camera or with wall mount WALL1); with NPT mount NPTA1); dome camera or with wall mount WALL1); with NPT mount NPTA1); Polycarbonate, c Aluminum	s and scene de  tition, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  ally:  (H4-MT-  (	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 2.75 mm x 172 mm x 152.1 mm (6 0.0")  172 mm x 172 mm x 172.3 mm (1 1.55 kg (3.42 lbs)  3.00 kg (6.62 lbs)  1.80 kg (3.98 lbs)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R .8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	IS) tication, user access log, it MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
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	ONVIF Security Protocol Streaming F Device Man Dimensions Weight Dome Bubb Body Housing	agement Protocols (LxWxH)	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/UDP	s and scene de  titon, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  nly:  (H4-MT-  (H4	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 2.75 mm x 172 mm x 152.1 mm (6 0.0")  172 mm x 172 mm x 172.3 mm (1 1.55 kg (3.42 lbs)  3.00 kg (6.62 lbs)  1.80 kg (3.98 lbs)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R .8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	IS) tication, user access log, it MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")							
	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons	agement Protocols (LxWxH)	("bounding boxe Password protec IPv4, HTTP, HTTI RTP/UDP, RTP/TAT); with NPT mount NPTAT); with NPT mount WALL1); with NPT mount NPTAT); Polycarbonate, c Aluminum Pendant mount, (H4-MT-NPTAT)	s and scene de  ction, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  ally:  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  option)	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 2.75 mm x 472 mm x 152.1 mm (6 0.0")  172 mm x 172 mm x 172.3 mm (1 1.55 kg (3.42 lbs)  3.00 kg (6.62 lbs)  1.80 kg (3.98 lbs)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
	ONVIF Security Protocol Streaming F Device Man Dimensions Weight Dome Bubb Body Housing Power Cons Power Sour	agement Protocols (LxWxH)	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/UDP	s and scene de  tion, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  aly:  (H4-MT-  ily:  (H4-MT-  (H4-MT-  ily:  (H4-MT-  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 2.75 mm x 172 mm x 152.1 mm (6 0.0")  172 mm x 172 mm x 172.3 mm (1 1.55 kg (3.42 lbs)  3.00 kg (6.62 lbs)  1.80 kg (3.98 lbs)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	IS) tication, user access log, it MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
	ONVIF Security Protocol Streaming F Device Man Dimensions Weight  Dome Bubb Body Housing Power Cons Power Sour	agement Protocols (LxWxH)  lee  umption ce sector	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/UDP	s and scene de  ction, HTTPS en  pps, SOAP, DNS,  DP multicast, R'  p v3  ME CAMERA  nly:  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  pption)  %, 7 W min (9 W  %, 10 VA min (13  ock	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
	ONVIF Security Protocol Streaming F Device Man Dimensions Weight Dome Bubb Body Housing Power Cons Power Sour	agement Protocols (LxWxH)  lee  umption ce sector	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/UDP	s and scene de  ction, HTTPS en  pps, SOAP, DNS,  DP multicast, R'  p v3  ME CAMERA  nly:  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  pption)  %, 7 W min (9 W  %, 10 VA min (13  ock	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons Power Sour RTC Backup	le umption ce sector b Battery	("bounding boxe Password protec IPv4, HTTP, HTTI RTP/UDP,	s and scene de titon, HTTPS en PS, SOAP, DNS, DP multicast, R' P v3  MME CAMERA hly: (H4-MT- (H4-MT- (H4-MT- (H4-MT- clear  vandal resistant poption) %, 7 W min (9 W %, 10 VA min (13 ock tithium (-40 °F to 140 °F	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/ 172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
MECHANICAL  ELECTRICAL  ENVIRONMENTAL	ONVIF Security Protocol Streaming F Device Man Dimensions Weight  Dome Bubb Body Housing Power Cons Power Sour RTC Backup Operating T	agement Protocols (LxWxH)  ble  cumption ce nector Battery emperature	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DC dome camera or with wall mount WALL1): with NPT mount NPTA1): dome camera or with wall mount WALL1): with NPT mount NPTA1): Polycarbonate, c Aluminum Pendant mount, (H4-MT-NPTA1) 7 W (9 W for -IR o VDC: 12 V +/- 10? VAC: 24 V +/- 10? VAC: 24 V +/- 10? Join terminal bi 2-pin terminal bi 2-pin terminal bi 3-W manganese li -40 °C to +60 °C (8.0 MP only) -4C	s and scene de tron, HTTPS en tron, HTTPS en tron, HTTPS en tron, HTTPS en tron tron tron tron tron tron tron tro	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/ 172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons Power Sour Fower Sour Storage Ten	agement Protocols (LxWxH)  ble  cumption ce nector Battery emperature	('bounding boxe Password protec' Pvs. HTTP, HTTR RTP/UDP,	s and scene de  titon, HTTPS en  PPS, SOAP, DNS, DP multicast, R'  P v3  ME CAMERA  aly: (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13 ock  tithium  (-40 °F to 140 °F  0" C to +50 °C (-414 °F to 158 °F)	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/ 172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man Dimensions Weight  Dome Bubb Body Housing Power Cons Power Sour RTC Backup Operating T	agement Protocols (LxWxH)  ble  cumption ce nector Battery emperature	('bounding boxe Password protec' IPv4, HTTP, HTTI RTP/UDP, RTP/U SNMP v2c, SNM PENDANT DC dome camera or with wall mount WALL1): with NPT mount NPTA1): dome camera or with wall mount WALL1): with NPT mount NPTA1): Polycarbonate, c Aluminum Pendant mount, (H4-MT-NPTA1) 7 W (9 W for -IR o VDC: 12 V +/- 10? VAC: 24 V +/- 10? VAC: 24 V +/- 10? Join terminal bi 2-pin terminal bi 2-pin terminal bi 3-W manganese li -40 °C to +60 °C (8.0 MP only) -4C	s and scene de  titon, HTTPS en  PPS, SOAP, DNS, DP multicast, R'  P v3  ME CAMERA  aly: (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13 ock  tithium  (-40 °F to 140 °F  0" C to +50 °C (-414 °F to 158 °F)	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/ 172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons Power Sour Fower Sour Storage Ten	agement Protocols (LxWxH)  lle  umption ce nector Battery emperature nperature	('bounding boxe Password protec' Pv4, HTTP, HTT RTP/UDP,	s and scene de  titon, HTTPS en  PPS, SOAP, DNS, DP multicast, R'  P v3  ME CAMERA  aly: (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13 ock  tithium  (-40 °F to 140 °F  0" C to +50 °C (-414 °F to 158 °F)	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/ 172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R 10.8" x 6.8" x 10.8" x 6.8" 6.8" x 6.8"	S) tication, user access log, i MP, DHCP, Zeroconf, ARP ITSP/HTTPS/TCP, HTTP  SURFACE MOI (4.9") 163 mm x 163 mm " x x 6.8")  1.35 kg (2.97 lbs)  ount Surface mount, v	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") vandal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons Power Sour RTC Backup Operating T Storage Ten Humidity	agement Protocols (LxWxH)  lle  umption ce nector Battery emperature nperature	('bounding boxe Password protec' Pv4, HTTP, HTT RTP/UDP,	s and scene de tittion, HTTPS en, PS, SOAP, DNS, DP multicast, R' P v3  ME CAMERA hly: (H4-MT-	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm (1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)  10 °F to 122°F)	d-party VM WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x  10.8" x 6.8"  6.8" x 6.8"	S) tication, user access log, in the distribution of the control o	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8") randal resistant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man Dimensions Weight  Dome Bubb Body Housing Power Cons Power Sour Fower Sour Fower Sour Storage Ten Humidity Certification	agement Protocols (LxWxH)  Lamption ce lector Battery emperature inperature sis/Directives	('bounding boxe Password protec' Pvs. HTTP, HTT RTP/UDP,	s and scene de  ction, HTTPS en  PPS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  aly:  (H4-MT-  (H4-MT-  (H4-MT-  clear  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13 ock  tithium  (-40 °F to 140 °F  0" C to +50 °C (-4  14 °F to 158 °F)  densing  cUL	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm ( 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)  O °F to 122°F)  CE ROHS	d-party VM WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x  10.8" x 6.8"  6.8" x 6.8"  F  WEEE IEC/EN 6	S) tication, user access log, in the distribution of the control o	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")  randal resistant compliant							
ELECTRICAL	ONVIF Security Protocol Streaming F Device Man  Dimensions  Weight  Dome Bubb Body Housing  Power Cons Power Sour Fower Sour Storage Ten Humidity Certification Safety Environmen	agement Protocols (LxWxH)  Lamption ce lector Battery emperature inperature sis/Directives	('bounding boxe Password protec' Pvs. HTTP, HTTR RTP/UDP,	s and scene de  titon, HTTPS en  PS, SOAP, DNS,  DP multicast, R'  P v3  ME CAMERA  aly:  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  (H4-MT-  vandal resistant  poption)  %, 7 W min (9 W  %, 10 VA min (13  ock  tithium  (-40 °F to 140 °F  0° C to +50 °C (-4  14 °F to 158 °F)  densing  cUL	scriptions not available with thir cryption, digest authentication, NTP, RTSP, RTCP, RTP, TCP,UDI TP/RTSP/TCP, RTP/RTSP/HTTP/  172 mm x 172 mm x 124 mm; (6 275 mm x 172 mm x 152.1 mm (6.0") 172 mm x 172 mm x 172.3 mm ( 1.55 kg (3.42 lbs) 3.00 kg (6.62 lbs) 1.80 kg (3.98 lbs)  t - with wall mount (H4-MT-WALI min with -IR option) VA min with -IR option)  O'F to 122°F)  CE ROHS CSA 60950-1	d-party VM WS authent P, IGMP, ICN TCP, RTP/R  .8" x 6.8" x  10.8" x 6.8"  6.8" x 6.8"  for the second seco	S) tication, user access log, is the distribution of the control o	UNT OUTDOOR DOME CAMERA n x 121 mm; (6.4" x 6.4" x 4.8")  randal resistant compliant	0-3-3						

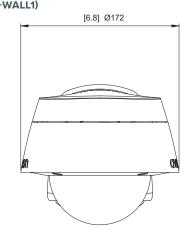
Objects in Area	The event is triggered when the selected object type moves into the region of interest.
Object Loitering	The event is triggered when the selected object type stays within the region of interest for an extended amount of time.
Objects Crossing Beam	The event is triggered when the specified number of objects have crossed the directional beam that 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

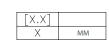
WITH NPT MOUNT (H4A-MT-NPTA1)

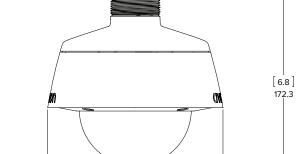
### **Outline Dimensions**

#### Pendant Dome Camera

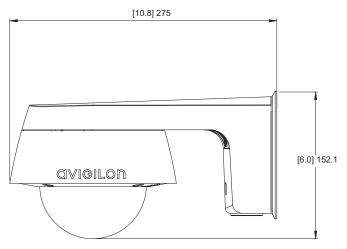


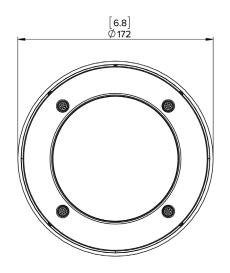


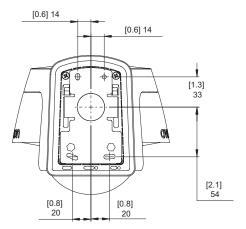




[ 6.8 ] Ø172

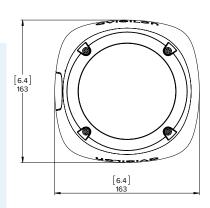


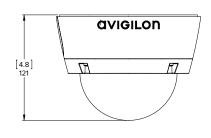


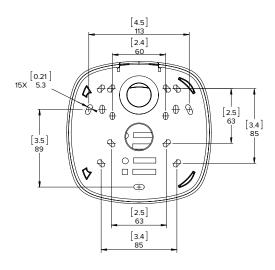


#### Surface Mount Outdoor Dome Camera

(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 Pend	ant Wall Arm Mount				
H4A-MT-NPTA1	Indoor/Outdoor Pend	ant 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 moun	ting bracket for H4 HD P	endant Dome Cameras ar	nd H4 HD Bullet Cameras		
H4-MT-CRNR1	Aluminum corner mo	unting bracket for H4 HD	Pendant Dome Cameras	and H4 HD Bullet Camera	as	
H4A-AC-GROM1	Camera Sealing Gron	nmet, 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-D01	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-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	Pipe Grommet. Pack of 10								