H4 Edge Solution (ES) Camera Line



The H4 Edge Solution Camera line combines high-definition imaging, self-learning video analytics, network video recorder functionality, and embedded Avigilon Control Center™ video management software to create an all-inone intelligent surveillance solution.









Onboard Solid-State Drive (SSD) storage

The H4 Edge Solution Camera records video directly to an onboard solid-state drive, eliminates the need for a separate network video recorder, and reduces installation and system costs.

Avigilon Control Center (ACC Software) Built-in

The H4 Edge Solution Camera line provides unique flexibility and versatility, with deployment options ranging from standalone installation, multi-camera solutions, to seamless integration into a conventional network video surveillance system.

As an Internet of Things device, the solution acts as both a camera and out-of-the-box video management software platform, providing a uniquely easy-to-install and cost-effective surveillance solution.

KEY FEATURES

1-3 megapixel models

Factory installed and licensed with ACC Video Management software running on the camera

Up to 256 GB on-board Solid-State Drive (SSD)

Up to 30 days of video retention

Self-learning video analytics

Patented Advanced Video Pattern Detection and Teach by Example Technology

Patented High Definition Stream Management (HDSM)™ Technology maintains image quality while reducing bandwidth

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

Wifi camera configuration support

Avigilon LightCatcher™ technology provides exceptional image quality in low light environments

Triple Exposure Ultra Wide Dynamic Range

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

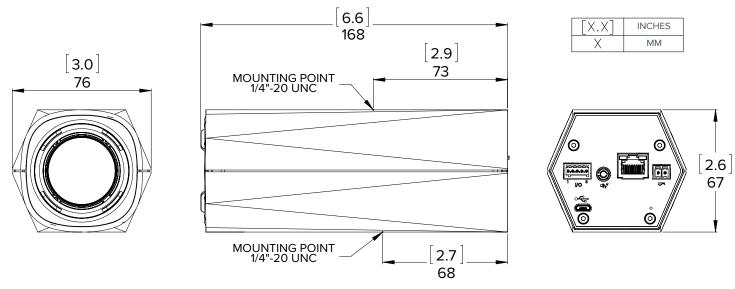
Specifications

-		1.0 MP	2.0 MP		3.0 MP			
IMAGE PERFORMANCE	Image Sensor	1/2.8" progressive scan CMOS						
	Aspect Ratio	16:9			4:3			
	Active Pixels (H x V)	1280 x 720	1920 x 1080		2048 x 1536			
		4.8 mm x 2.7mm; 0.189" x 0.106"	1020 X 1000		5.12 mm x 3.84 mm ;	0.202" v 0.151"		
	Imaging Area (H x V)		manaahrama mada		3.12 IIIII X 3.04 IIIII ,	0.202 X 0.131		
	Minimum Illumination	0.08 lux (F1.6) in color mode; 0.016 lux (F1.6) in			20.6			
	Image Rate High Framerate	30 tps	30 fps		30 fps			
	Full Feature	C7 4D	12 fps		12 fps			
	Dynamic Range	67 dB	100 10 11 1					
	Dynamic Range (WDR	120 dB triple exposure (20 fps or less); 100 dB dual exposure (30 fps)	120 dB triple expos	ure (Full Feature Mode). WD	R is disabled in High Fra	amerate Mode		
	enabled) Resolution Scaling	Down to 768 x 432						
		N/A	High Framerate =	Camera will prioritize may	imum imaga rata over	other features WDP is		
	Camera Operating Mode	N/A High Framerate = Camera will prioritize maximum image rate over other features disabled.						
		Full Feature = Camera will prioritize feature capabilities over image rate.						
ONBOARD	Solid-State Drive (SSD)	128 G 256 G 256 G						
STORAGE	Retention Rate	Up to 30 days (2 Mbps stream based on 30%	motion duty cycle)					
LENS	Lens	4.7 - 84.6 mm F1.6 P-Iris, remote focus and z	oom					
	Angle of View	3.3° – 55°			3.5° – 59°			
	-							
IMAGE CONTROL	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG						
	Streaming	Multi-stream H.264 and Motion JPEG						
	Bandwidth Management	HDSM and Idle Scene Mode						
	Motion Detection	Selectable sensitivity and threshold						
	Electronic Shutter Control	Automatic, Manual (1/6 to 1/8000 sec)						
	Iris Control	Automatic, Manual						
	Day/Night Control	Automatic, Manual						
	Flicker Control	50 Hz, 60 Hz						
	White Balance	Automatic, Manual						
	Backlight Compensation	Adjustable						
	Privacy Zones	Up to 64 zones						
	Audio Compression Method	G.711 PCM 8 kHz						
	Audio Input/Output	Line level input/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 Micro						
NETWORK	Network	100BASE-TX						
NETWORK								
	Cabling Type	CAT5 RJ-45						
	Connector							
	ONVIF	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)						
			Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication					
	Security			thentication, user access log	, 802.1x port based auth	entication		
	Security Protocol		t authentication, WS au			entication		
		Password protection, HTTPS encryption, diges	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
	Protocol Streaming Protocols	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
	Protocol Streaming Protocols Device Management Protocols	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
MECHANICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH)	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6"	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
MECHANICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight	Password protection, HTTPS encryption, digest IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs)	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
MECHANICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH)	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6"	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
MECHANICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight	Password protection, HTTPS encryption, digest IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs)	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR		entication		
	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom)	t authentication, WS au CP, RTP, TCP,UDP, IGM	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP				
	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP	P			
	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP	P			
	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery	Password protection, HTTPS encryption, digest IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP	P			
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F)	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP	P			
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F)	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP	P			
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%,	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min	P PoE: IEEE802.3af Cla	ass 3 compliant		
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WE	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min	P PoE: IEEE802.3af Cla KC			
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE UL 60950-1	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WE CS	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min EEE RCM A 60950-1	POE: IEEE802.3af Cla KC IEC/EN 60950-1	ass 3 compliant		
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL cUL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min EEE RCM A 60950-1 55022 Class B EN 61000	POE: IEEE802.3af Cla KC IEC/EN 60950-1 6-3 EN 61000-3-2	ass 3 compliant		
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE UL 60950-1	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min EEE RCM A 60950-1	POE: IEEE802.3af Cla KC IEC/EN 60950-1	ass 3 compliant		
ELECTRICAL	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL cUL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min EEE RCM A 60950-1 55022 Class B EN 61000 61000-6-1	POE: IEEE802.3af Cla KC IEC/EN 60950-1 6-3 EN 61000-3-2	ass 3 compliant		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003 EN 55024 The event is triggered when the selected obj	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS CS Class B EN EN	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 4 60950-1 55022 Class B EN 61000 61000-6-1 region of interest.	POE: IEEE802.3af Cla KC IEC/EN 60950-1 -6-3 EN 61000-3-2 KN 35	ass 3 compliant		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS CS Class B EN EN ect type moves into the ect type stays within the other of objects have cr	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 55022 Class B EN 61000 61000-6-1 region of interest.	POE: IEEE802.3af Cla KC IEC/EN 60950-1 -6-3 EN 61000-3-2 KN 35 ended amount of time.	EAC EN 61000-3-3 KN 32		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area Object Loitering Objects Crossing Beam	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003 EN 55024 The event is triggered when the selected obj	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN EN ect type moves into the ect type stays within the other of objects have cral.	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min EEE RCM A 60950-1 55022 Class B EN 61000 61000-6-1 region of interest. e region of interest for an extoossed the directional beam to	POE: IEEE802.3af Cla KC IEC/EN 60950-1 EN 61000-3-2 KN 35 ended amount of time. that is configured over the	EAC EN 61000-3-3 KN 32		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area Objects Crossing Beam	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RT RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003 EN 55024 The event is triggered when the selected obj The event is triggered when the specified nu The beam can be unidirectional or bidirection	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN EN ect type moves into the ect type stays within the mber of objects have crailed.	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 155022 Class B EN 61000 61000-6-1 region of interest. e region of interest for an ext cossed the directional beam to	POE: IEEE802.3af Cla KC IEC/EN 60950-1 EN 61000-3-2 KN 35 ended amount of time. that is configured over the	EAC EN 61000-3-3 KN 32		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area Object Loitering Objects Crossing Beam Object Appears or Enters Area Object Not Present in Area	Password protection, HTTPS encryption, diges IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CUL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003 EN 55024 The event is triggered when the selected obj The event is triggered when the specified nu The beam can be unidirectional or bidirection. The event is triggered by each object that en	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS ROHS ROHS EN EN ect type moves into the ect type stays within the mber of objects have cral. eres the region of interesters the region of interesters the region of interesters and interes	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 155022 Class B EN 61000 61000-6-1 region of interest. Pregion of interest for an ext cossed the directional beam to	POE: IEEE802.3af Cla KC IEC/EN 60950-1 EN 61000-3-2 KN 35 ended amount of time. that is configured over the	EAC EN 61000-3-3 KN 32		
ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area Object Loitering Objects Crossing Beam Object Appears or Enters Area Object Not Present in Area Objects Enter Area	Password protection, HTTPS encryption, digest IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL CUL CE UL 60950-1 FCC Part 15 Subpart B Class B IC ICES-003 EN 55024 The event is triggered when the selected obj The event is triggered when the specified nu The beam can be unidirectional or bidirection The event is triggered when no objects are p The event is triggered when the specified nu	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN EN ect type moves into the ect type stays within the mber of objects have cral. Lers the region of interest the region of interest esent in the region of interest esent esen	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 14 VA min 15 S022 Class B EN 61000 61000-6-1 region of interest. Peregion of interest for an ext cossed the directional beam in 15 St. This event can be used to enterest. Intered the region of interest.	POE: IEEE802.3af Cla KC IEC/EN 60950-1 EN 61000-3-2 KN 35 ended amount of time. that is configured over the	EAC EN 61000-3-3 KN 32		
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ELECTRICAL ENVIRONMENTAL CERTIFICATIONS SUPPORTED VIDEO ANALYTICS	Protocol Streaming Protocols Device Management Protocols Dimensions (LxWxH) Weight Camera Mount Power Consumption Power Source Power Connector RTC Backup Battery Operating Temperature Storage Temperature Humidity Certifications Safety Electromagnetic Emissions Electromagnetic Immunity Objects in Area Object Loitering Objects Crossing Beam Object Appears or Enters Area Object Not Present in Area Objects Enter Area Objects Leave Area	Password protection, HTTPS encryption, digest IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTRP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, SNMP v2c, SNMP v3 168 mm x 76 mm x 67 mm; 6.6" x 3.0" x 2.6" 0.62 kg (1.4 lbs) 1/4"-20 UNC (top and bottom) 8 W VDC: 12 V +/- 10%, 8 W min 2-pin terminal block 3V manganese lithium -10 °C to +60 °C (14 °F to 140 °F) -10 °C to +70 °C (14 °F to 158 °F) 0 - 95% non-condensing UL	t authentication, WS au CP, RTP, TCP,UDP, IGM RTP/RTSP/HTTP/TCP, R VAC: 24 V +/- 10%, ROHS WI CS Class B EN EN ect type moves into the ect type stays within the mber of objects have cral. lers the region of interest steps million of objects have en enber of objects have legion of interest stops million of interest stops	P, ICMP, DHCP, Zeroconf, AR TP/RTSP/HTTPS/TCP, HTTP 12 VA min 12 VA min 14 KG 15 KG 16 KG 16 KG 16 KG 17 KG 18	POE: IEEE802.3af Cla KC IEC/EN 60950-1 -6-3 EN 61000-3-2 KN 35 ended amount of time. that is configured over the count objects.	EAC EN 61000-3-3 KN 32		

SUPPORTED ACC FEATURES

	 1 camera per server (connection to self) 	2 cimultaneous client connections (override supported)					
	1 camera per server (connection to self) 2 simultaneous client connections (override supported)						
	 Site supports up to 200 cameras and a total of 100 defined users. H4 ES Cameras can be part of a site with 15 other H4 ES Cameras, ACC ES HD Recorders, or ACC servers 						
g Rate	12 Mbps						
Out Rate	24 Mbps						
	Saved Views	Editable Site View					
	. 3	3					
		=					
	Video archiving	- Admi Sedicii					
ons	All 3rd party integrations via the ACC SDK	Plus: • CommScope iPatch • DDS Amadeus 5					
		RS2 AccessIt! DSX					
al Features	Email event notification	Unlimited rule triggers					
	 Digital input email trigger 	Failover connections					
	 Audio recording and talkdown 	*Redundant recording					
		*Depending on level of site activity (site, camera, analytics, etc), redundant recording to a secondary server may exhibit a degradation in performance.					
g, Searching and	Saved Views Maps Web pages Hourly configurable recording schedule Intelligent motion search Live export Video archiving All 3rd party integrations via the ACC SDK Email event notification Digital input email trigger Manual digital output trigger	Intelligent Virtual Matrix Collaborative investigations Thumbnail search Event search Alarm search CommScope iPatch RS2 AccessIt! Unlimited rule triggers Failover connections Alarm escalation Redundant recording Depending on level of site activity (site, camera, analytics, etc), redundant recording to a secondary server or					

Outline Dimensions



Ordering Information

	MP	WDR	LIGHTCATCHER	ANALYTICS	STORAGE	LENS	DAY/NIGHT		
1.0C-H4A-12G-B1	1.0	✓	✓	✓	128 G	4.7 - 84.6 mm	✓		
2.0C-H4A-25G-B1	2.0	✓	✓	✓	256 G	4.7 - 84.6 mm	✓		
3.0C-H4A-25G-B1	3.0	✓	✓	✓	256 G	4.7 - 84.6 mm	✓		
H4-AC-WIFI1-NA	USB Wifi Adapter								
CM-AC-AVIO1	3.5 mm Jack with 1.8 m Fly Wire								