

ACC™ ES 8-Port Appliance



Avigilon Control Center™ (ACC) ES 8-port (8P) Appliance is the latest innovative addition to the ACC ecosystem providing a cost effective, analytics-ready, secure and flexible solution for smaller size deployments. With up to 8 TB of storage and a powerful on board PoE switch, the ACC ES 8P Appliance is an easy to deploy solution that can fit many needs. The ACC ES 8P Appliance features signed and encrypted Linux®-based firmware providing a secure and trusted platform for distributed and internet connected deployments.

Used with the optional ACC version 7 Video Analytics Channel licenses, non-analytic IP cameras and analog encoders are enriched with Avigilon's industry-leading self-learning video analytics, pattern-based object classification and tracking technology.

KEY FEATURES

High capacity storage with 4 and 8 TB options

Provides up to 210 Mbps of total throughput

Ready for mobile connections out of the box with web endpoint technology built in

Uses Avigilon's industry leading High Definition Stream Management (HDSM)™ technology

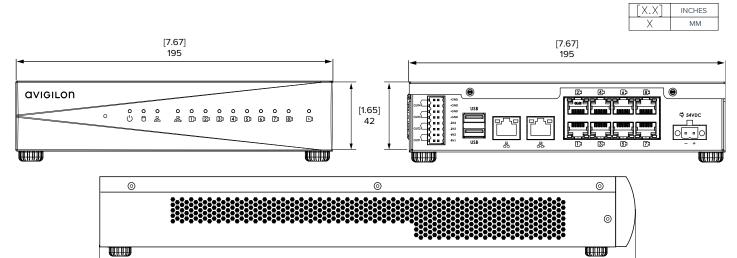
Remote alerts provide instant notifications to any mobile device

Ready to deploy out of the box with secure Linux-based firmware

Easily installed in a rack with an optional rack-mounted tray with sliding rail system

Extends self-learning video analytics to any IP video surveillance camera with the optional ACC 7 Video Analytics Channel licenses

Outline Dimensions



[12.79] 325

Specifications

Opcom	Cationio		
SYSTEM	HDD Storage	1 x 3.5 inch Serial ATA hard drive (4 or 8TB)	
	Recording Rate	130 Mbps	
	Stream Out Rate	80 Mbps	
	PoE+ Ports	8 x 10/100 Mbps (IEEE 802.3at)	
	Total PoE Budget	120 W	
	Uplink	2 x 1 GbE	
	External I/O Terminals	4 digital inputs and 4 relay outputs	
MECHANICAL	Dimensions (LxWxH)	195 x 325 x 42 mm; 7.67 x 12.79 x 1.65 in	
	Weight	2.8 kg (unit); 6.17 lbs	
ELECTRICAL	System Power Input	100-240VAC; 2.5A; 50-60Hz	
	Power Supply	Single external, 54V	
	Power Consumption	40W minimum; 180W maximum	
ENVIRONMENTAL	Operating Temperature	0° C to 40° C (32° F to 104° F)	
	Storage Temperature	-20° C to 60° C (-4° F to 140° F)	
	Humidity	0 - 90% relative humidity (non-condensing)	
ANALYTICS SUPPORT	352 × 240 (up to 30 fps)	16	
(MAX. VIDEO	720×480 (encoder NTSC mode) (up to 30 fps)	12	
STREAMS PER	1MP (up to 30 fps)	14	
RESOLUTION)	2MP (up to 30 fps)	8	
	3MP (15 fps 30 fps)	615	
	5MP (15 fps 30 fps)	4 3	
	8MP (up to 30 fps)	2	
CERTIFICATIONS	Certifications/Directives	UL, cUL, CE, RCM	
	Safety	CSA 60950-1, IEC/EN 60950-1*	
	Electromagnetic Emissions	FCC Part 15 Subpart B Class B, IC ICES-003 Class B, EN 55032 Class B, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3	
	Electromagnetic Immunity	EN 55024, EN 61000-6-1	
DEVICE TYPES ²	Avigilon HD H.264 cameras		
SUPPORTED FOR ANALYTICS	Avigilon H.264 Analog Encoders		
	Avigilon HD Multisensor dome cameras		
	Avigilon PTZ cameras (analytics at Home position only)		
	ONVIF® cameras and encoders		
	Third-party devices (MJPEG, MPEG4, H.264) supported by ACC		
	² H.265 not supported for analytics processing		

Supported Video Analytics Features

Objects in Area	The event is triggered when the selected number of objects are present in the region of interest. The object can appear from within the region of interest or enter from outside.
Object Loitering	The event is triggered for each object that 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 in the selected time period. The beam can be unidirectional or bidirectional.
Object Appears or Enters Area	The event is triggered by each object present in the region of interest. The object can appear from within the region of interest or enter from outside.
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 from outside of the region.
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 for each object in a region of interest that stops moving for the specified threshold time.
Direction Violated	The event is triggered for each object that moves in the prohibited direction of travel.
Tamper Detection	The event is triggered when the scene unexpectedly changes.

Supported ACC Features

System	Site support for up to 24 servers, 500 camera	as and 100 defined users	
Device Support	ACC-supported third-party devicesAvigilon HD cameras & encoders	 Avigilon HD H4Pro cameras ONVIF® compliant cameras & encoders 	
Client	Saved ViewsMapsWeb pages	Editable Site ViewIntelligent Virtual MatrixCollaborative investigations	
Recording, Searching and Playback	 Hourly configurable recording schedule Lossless recording Intelligent motion search Live export 	Thumbnail searchEvent searchAlarm searchMulti-camera export	
Integrations	All 3rd party integrations via the ACC SDK	Plus: • CommScope iPatch® • RS2 AccessIt!	DDS Amadeus 5DSX
Additional Features	 Email event notification Digital input email trigger Manual digital output trigger Audio recording and talkdown 	Unlimited rule triggersRedundant recordingFailover connectionsAlarm escalation	

Ordering Information

PRODUCTS

VMA-ENVR1-8P4A	ACC ES 8-Port Appliance, 4TB. Avigilon Control Center licenses must be purchased separately.
VMA-ENVR1-8P8A	ACC ES 8-Port Appliance, 8TB. Avigilon Control Center licenses must be purchased separately.
VMA-ENVR1-8P8B ⁴	ACC ES 8-Port Appliance, 8 TB, Blue, Pre-licensed with 8 channels of Avigilon ACC-ENT 3

³ Adding ACC7-STD or ACC7-COR camera licenses to extend device connections will limit the pre-licensed ACC Enterprise channels to ACC Standard or Core edition features

ACCESSORIES

ENC-4P-H264	4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs	
PS-180W-ENVR1-8P	External Power Supply, ES 8P Appliance, 180W, No power cord	
RMS1U -A-ENVR1-8P	Rackmount Shelf with Sliding Rails for ES 8P Appliance	
LICENSES ⁴		
ACC7-VAC	ACC 7 Video Analytics Channel license	
ACC7-ENT	ACC 7 Enterprise Edition Camera license	
ACCZ CTD	ACC 7 Characterist Full King and a service King and Acc 7 Characterist Control of the Control of	

⁴ Licenses are available only for users of ACC 7 software. Avigilon Multisensor cameras and analogue encoders only require one license per device.

4 Doubli 204 Video Encodes with 4 Audio Innuts and 4 Audio Outrote

VMA-ENVR1-8Px-**NA** = VMA-ENVR1-8P8B-**NA** =

ACC7-COR



VMA-ENVR1-8Px-**UK** = VMA-ENVR1-8P8B-**UK** =

ACC 7 Core Edition camera license



VMA-ENVR1-8Px-**EU** = VMA-ENVR1-8P8B-**EU** =



VMA-ENVR1-8Px-**AU** = VMA-ENVR1-8P8B-**AU** =

