

Avigilon Blue™ Connect Device

The Avigilon Blue Connect device enriches non-analytic IP cameras and analog encoders with Avigilon's industry-leading self-learning video analytics. When used with Avigilon Blue cloud, the system detects people and vehicles in defined areas and sends push notifications with a 10-second video clip. This enables you to identify the root cause of a security event and take the appropriate action. Avigilon Blue sends you the alarms that matter.



The Avigilon Blue Connect device, part of the Avigilon Blue cloud service platform, combines on-premise recording with cloud management to deploy, manage and service more sites with fewer resources, helping you scale your business faster. Easily setup, configure and link Avigilon Blue Connect devices to the cloud in minutes with universal plug-and-play network protocols and an intuitive web-based user interface to receive cloud notifications and video verification clips based on analytic events. This device helps bring enterprise-grade security to small and medium-sized deployments.

KEY FEATURES

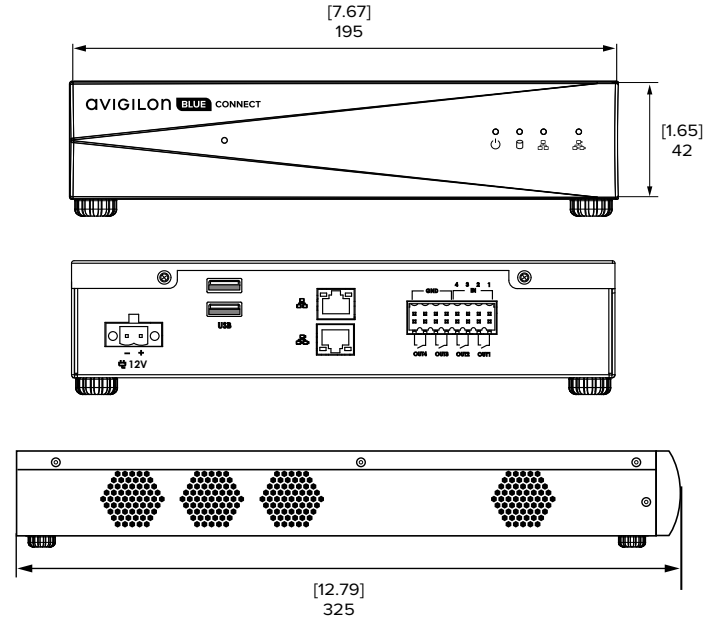
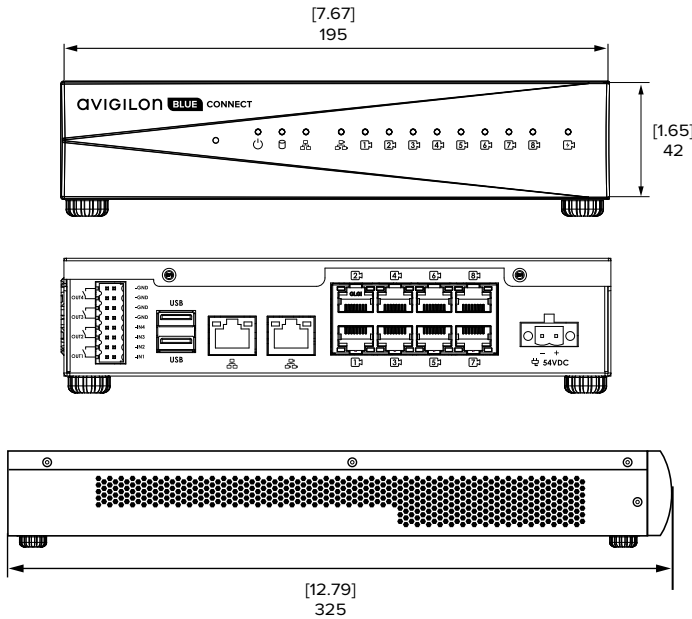
- Brings attention to the events that matter most with built-in analytics technology that integrates with Avigilon and ONVIF® Profile S compliant cameras.
- Automatically sends analytic event-based video verification clips to the cloud for instant viewing and sharing.
- Automatic camera detection, configuration and plug-and-play installation.
- Enables ONVIF Profile S compliant cameras to be connected based on unit port capability.
- 30 days of high-definition video, recording both primary and secondary camera streams.
- Provides high-speed throughput for simultaneous recording, playback and live streaming.
- Records up to 30 images per second per channel. View analytic object overlays when reviewing video clips.
- Accepts remote firmware updates from the Avigilon Blue cloud service platform. No software to install and maintain.
- The 8-port model provides built-in PoE+ for easy powering of cameras within the system. The 16-channel model readily integrates with the Avigilon and third-party PoE switches.
- Includes a 3-year limited warranty from Avigilon, with extended warranty available.

Outline Dimensions

8-port model

16-channel model

[X.X]	INCHES
X	MM



Specifications

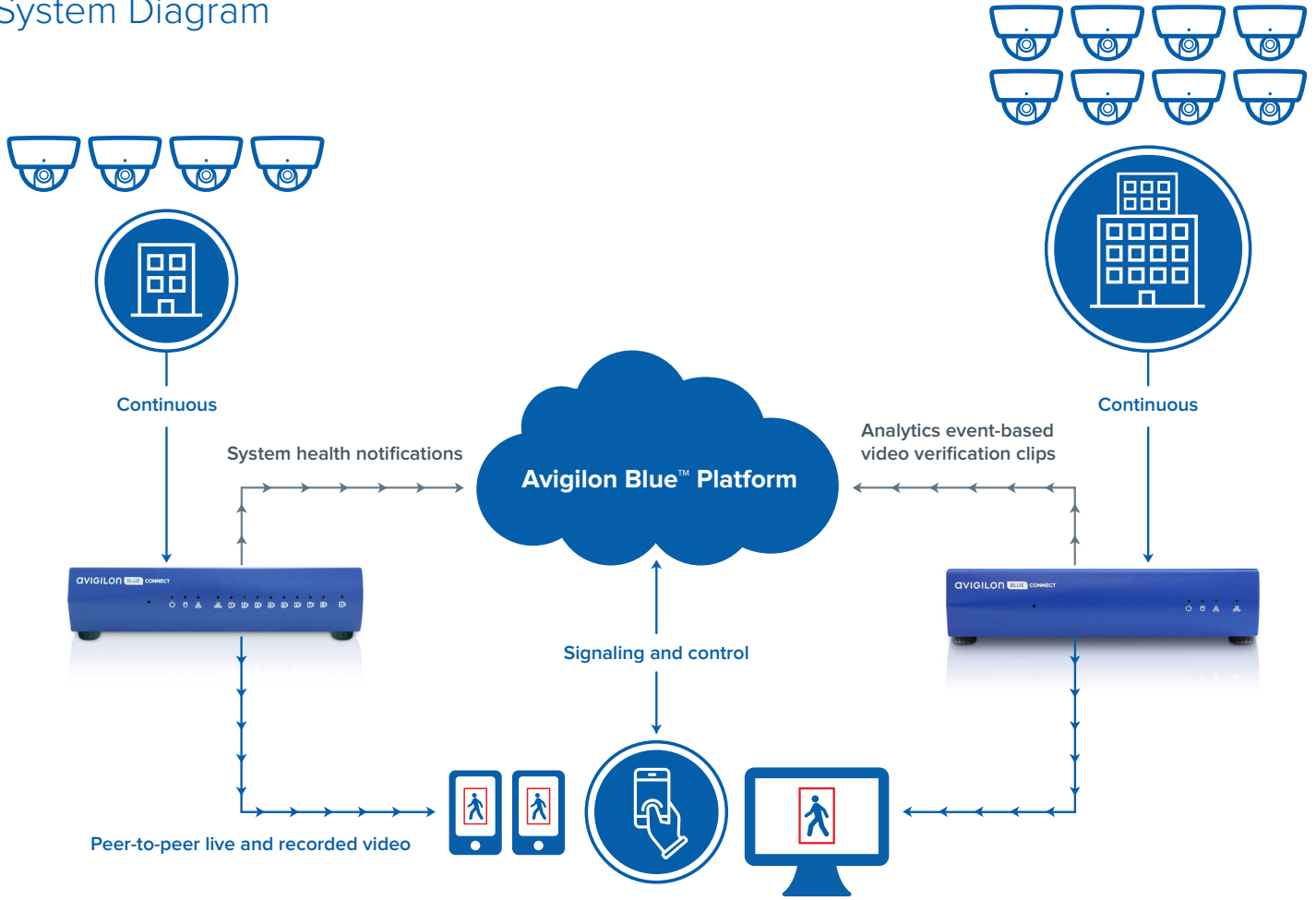
	8-PORT MODEL	16-CHANNEL MODEL
SYSTEM		
HDD Storage	1 x 8TB 3.5 inch Serial ATA hard drive	1 x 12TB 3.5 inch Serial ATA hard drive
Recording Rate	120 Mbps	196 Mbps
Stream Out Rate	50 Mbps	120 Mbps
Recording Image Rate	30 fps per camera	30 fps per camera
PoE Ports	8 x 10/100 Mbps	None
Total PoE Output	120 W	Not applicable
Uplink	2 x 1 GbE	2 x 1 GbE
External I/O Terminals	4 digital inputs and 4 relay outputs	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	195 x 325 x 42 mm; 7.67 x 12.79 x 1.65 in
Weight	2.8 kg (unit); 6.17 lbs	2.8 kg (unit); 6.17 lbs
ELECTRICAL		
System Power Input	100-240VAC; 2.5A; 50-60Hz	100-240VAC; 2.5A; 50-60Hz
Power Supply	Single external, 54V	Single external, 12V
Power Consumption	40W minimum; 180W maximum	40W minimum; 150W maximum
ENVIRONMENTAL		
Operating Temperature	0° C to 40° C (32° F to 104° F)	0° C to 40° C (32° F to 104° F)
Storage Temperature	-20° C to 60° C (-4° F to 140° F)	-20° C to 60° C (-4° F to 140° F)
Humidity	0 - 90% relative humidity (non-condensing)	0 - 90% relative humidity (non-condensing)
CERTIFICATIONS		
Certifications/Directives	UL, cUL, CE, RoHS, WEEE	UL 62368-1, CSA 62568-1, IEC/EN 62368
Safety	UL 60950-1, CSA 60950-1, IEC/EN 60950-1	UL 62368-1, CSA 62568-1, IEC/EN 62368
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	UL 62368-1, CSA 62568-1, IEC/EN 62368
Electromagnetic Immunity	EN 55024, EN 61000-6-1	UL 62368-1, CSA 62568-1, IEC/EN 62368

	MAX. CHANNELS 8-PORT MODEL	MAX. CHANNELS 16-CHANNEL MODEL
ANALYTICS SUPPORT FOR NUMBER OF VIDEO STREAMS		
352x240	16	48
720x480 (encoder NTSC mode)	12	25
1MP-15 (15fps)	14	25
1MP (30fps)	14	25
2MP-15 (15fps)	8	16
2MP (30fps)	8	16
3MP-15 (15fps)	6	12
3MP (30fps)	5	12
5MP-15 (15fps)	4	8
8MP-15 (15fps)	3	5
8MP (30fps)	2	5

DEVICE TYPES SUPPORTED FOR ANALYTICS	
Avigilon HD H.264 cameras	
Avigilon H.264 Analog Encoders	
Avigilon HD Multisensor dome cameras	
ONVIF Profile S cameras*	
ONVIF encoders	

* See the Avigilon Blue supported cameras list at [Avigilon Blue Support](#).


System Diagram




Ordering Information

VMA-BLU-8P8	Avigilon Blue Connect Device 8-port PoE, includes 180W external power supply*
VMA-BLU-16C12	Avigilon Blue Connect Device 16 Channel, includes 150W external power supply*

* Requires an Avigilon Blue Cloud Platform site subscription package. Consult Avigilon regional sales or email asksales@avigilon.com for more information.

VMA-BLU-8P8-NA = 

VMA-BLU-16C12-NA = 

Avigilon Blue Connect Device Accessories

VMA-BLU-1URMS1	Rackmount Shelf 1U
VMA-BLU-8PPS	Avigilon Blue Connect Device 8-port - power supply (replacement) - 180W external, power cord not included
VMA-BLU-16CPS	Avigilon Blue Connect device 16-channel - power supply (replacement) - 150W external, power cord not included