Alta Desktop Cloud Connectors

Friction-free transition to cloud

The Avigilon Alta desktop Cloud Connectors enable easy integration of third-party devices with Avigilon Alta Video, allowing for a seamless transition to the cloud while leveraging your existing camera deployment and connecting sensors for additional insights. With Cloud Connectors, organizations can leverage the same real-time anomaly detection, proactive notifications and smart search capabilities across your entire deployment of cameras, regardless of their manufacturer. Tap into the simplicity and flexibility of Alta's intelligent video surveillance solutions to proactively safeguard your people, property, and data.

Features

Seamless cloud transition

Forget rip-and-replace. Connect and manage your existing third-party cameras and sensors in the cloud.
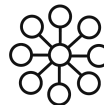
Same analytics as our cloud-native cameras

Make your cameras smarter with scalable and advanced real-time AI. Help improve security and response with fast detections and powerful alerts.

Local display

Get local access for low-bandwidth video displays and resiliency to network and service outages.
(Excluding A1100)

One interface, all your sites

Connect devices across all your sites and manage your deployment from anywhere through a browser or a mobile app.

Resilience and failover

Create server groups with multiple Cloud Connectors to minimize downtime and prevent data loss if a device goes offline.

Enhanced security

Minimize cyber risks and protect sensitive data with disk encryption and a dedicated Trusted Platform Module.

To learn more, visit avigilon.com/video-infrastructure/cloud-connector

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Cloud Connector specifications

	A600	A1100
	The A600 Cloud Connector is a desktop appliance, suitable for small deployments or remote sites in distributed deployments.	The A1100 Cloud Connector is a desktop appliance, suitable for the smaller deployments or remote sites in distributed deployments.
Number of cameras supported:	25 cameras	75 cameras
Drive configuration:	Operating system: SSD Video storage: 3x SATA HDD, up to 24TB (raw), 16TB (net) using Avigilon Alta adaptive block-level erasure coding	Operating system: SSD Video storage: 4x SATA HDD, up to 64TB (raw), 48TB (net) using Avigilon Alta adaptive block-level erasure coding
Graphics processing:	Nvidia GeForce GPU	Nvidia Quadro RTX GPU
Network interface:	Dual 1Gb Base-T	Dual 10Gb Base-T and single 1Gb Base-T
Operating system:	Avigilon Alta hardened OS	Avigilon Alta hardened OS
Power usage (at 80% load):	278W	402W
Local display:	Local display enables video views from your Alta Video deployment to be sent to a monitor connected to the on-board video connections on your Alta A600 Cloud Connectors.	Local display is not available from Alta A1100 Cloud Connectors.
Warranty:	Standard support and 5 year warranty	Standard support and 5 year warranty

Analytics specifications

DETECTED ATTRIBUTES	
Object Attributes	Vehicle, sub-types: • Small/Medium Vehicles (sedan, SUV, pickup truck, etc.) • Large Vehicles (bus, truck) • Two-wheeled Vehicles (bicycle, motorcycle) • Unclassified Vehicles Color: • Only this color • Ignore this color License plate[1]: • Any plate • Exact match • Matches group • Starts with • Ends with • Includes • Exclude <groups>
	Person: • Fall detection • Color: Only this color, Ignore this color, Upper body color, Lower body color Face recognition[2]: • Face search • Face watchlists

[1] Requires additional license.

[2] Requires additional license. Check national and local legislation for guidance on the use of face search and face watchlists.

SUPPORTED SOUND EVENTS[3]	
Audio Events	• Glass breaking • Loud noise • Gun shot • Screaming • Smoke alarm • Car alarm • Ultrasound panic alarm • Dog bark • Tire screeching

[3] Requires additional license. Also requires compatible cameras or microphones.

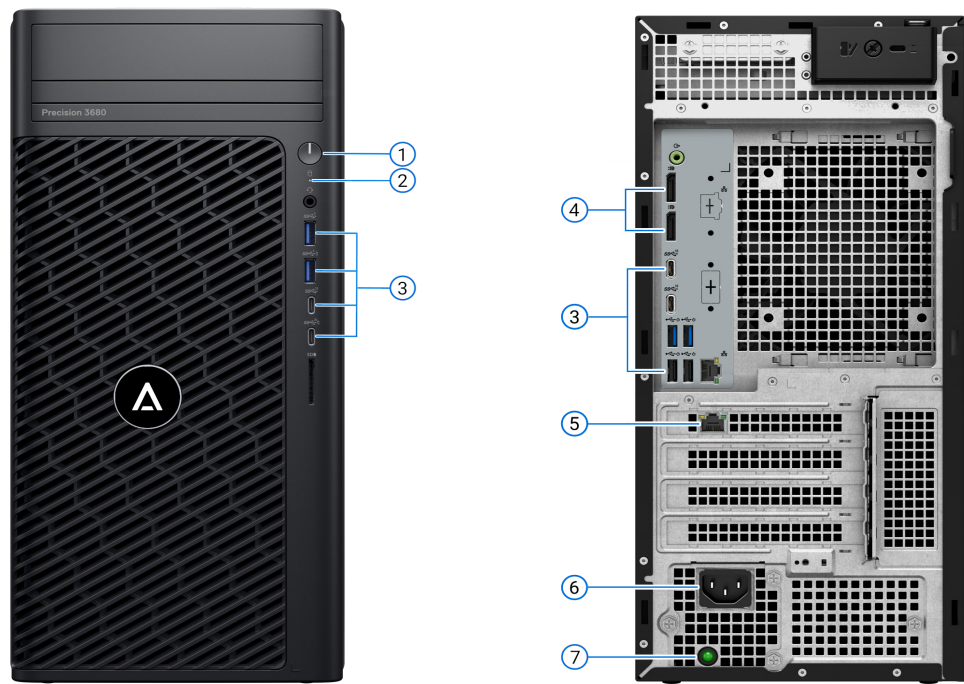| ANALYTIC RULES SUPPORTED	
Anomaly	Rule triggered on detected anomalies based on: • Unusual time of day • Unusual location • Unusual velocity • Unusual sound
Appearance	Rule triggered when an object of the selected type and attributes appears in the region of interest.
Loitering	Rule triggered when an object of the selected type and attributes loiters in the selected area for the selected period of time.
Line crossing	Rule triggered when an object of the selected type and attributes crosses the line. The line can be unidirectional or bidirectional.
Counts	Rule triggered when the count of objects of the selected type either exceeds or is less than the selected threshold.
Line Crossing Count	Rule triggered when the specific number of objects of the selected type either cross a line to enter or leave an area.
Sound[4]	Rule triggered when sounds of specified types is detected.
Access Control	When integrated with suitable access control systems, create rules for access events.

[4] Requires additional license. Also requires compatible cameras or microphones.
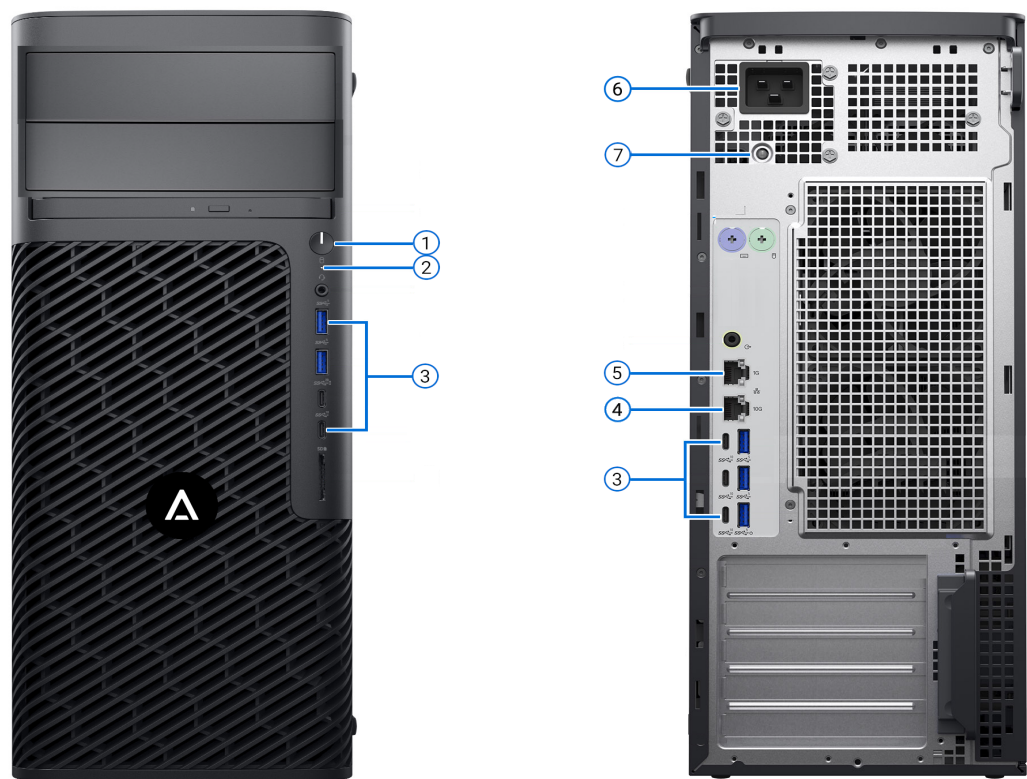
Buttons and connections

A600 buttons and connections

KEY	DESCRIPTION
1	Power button with diagnostic LED
2	Hard drive activity indicator
3	USB Ports
4	DisplayPort (used for Local display) connectors
5	Dual 1Gb Base-T Network Interface Card
6	Power connector
7	LED power indicator

A1100 buttons and connections

KEY	DESCRIPTION
1	Power button with diagnostic LED
2	Hard drive activity indicator
3	USB Ports
4	1Gb Base-T Network Interface Card connector
5	10Gb Base-T Network Interface Card connector
6	Power connector
7	LED power indicator

Outline Dimensions

A600 DIMENSIONS	
Height	14.68 in. (372.90 mm)
Width	6.81 in. (173.00 mm)
Depth	16.54 in. (420.20 mm)
Weight (Depends on the model purchased)	Minimum - 16.71 lb (7.58 kg) Maximum - 35.38 lb (16.05 kg)

A1100 DIMENSIONS	
Height	16.29 in. (414 mm) 16.45 in. (417.90 mm) with rubber foot protruding
Width	6.79 in. (172.60 mm)
Depth	16.90 in. (429.60 mm) 17.79 in. (452.10 mm) with lock structure protruding
Weight	Maximum: 47.80 lbs. (21.70 kg)

Ordering Information

Alta Cloud Connectors (desktop form-factor)

PRODUCT NAME	PID	PRODUCT DESCRIPTION
A600	APP-600-8-DG	A600 with 8TB net storage and dual 1Gb Base-T network connection. Support for up to 25 cameras, 3 hard drives, Nvidia GeForce GPU, with Alta Aware VMS, standard support, 5-year warranty and power cables included.
A600	APP-600-16-DG	A600 with 16TB net storage and dual 1Gb Base-T network connection. Support for up to 25 cameras, 3 hard drives, Nvidia GeForce GPU, with Alta Aware VMS, standard support, 5-year warranty and power cables included.
A1100	APP-1100-24-BT	A1100 with 24TB net storage and single 10Gb Base-T and single 1Gb Base-T network connections. Support for up to 75 cameras, 4 hard drives, Nvidia Quadro RTX GPU, with Alta Aware VMS, standard support, 5-year warranty and power cables included.
A1100	APP-1100-48-BT	A1100 with 48TB net storage and single 10Gb Base-T and single 1Gb Base-T network connections. Support for up to 75 cameras, 4 hard drives, Nvidia Quadro RTX GPU, with Alta Aware VMS, standard support, 5-year warranty and power cables included.

Optional Mounting Adapters

PRODUCT NAME	PID	PRODUCT DESCRIPTION
Rack	APP-RCK-1100	Mounting rack for A1100 with rail bracket and ready rails, including one C13-C14 power cable.

Cables and replacement drives

PRODUCT NAME	PID	PRODUCT DESCRIPTION
Power cables	AACC-PWC-UKS	Single UK power cable.
Power cables	AACC-PWC-USS	Single US power cable.
Power cables	AACC-PWC-EUS	Single EU power cable.
Power cables	AACC-PWC-IECS	Single IEC C13-C14 power cable.
Replacement drives	AACC-DRV-04TB	Replacement Drive 4TB.
Replacement drives	AACC-DRV-08TB	Replacement Drive 8TB.
Replacement drives	AACC-DRV-12TB	Replacement Drive 12TB.
Replacement drives	AACC-DRV-16TB	Replacement Drive 16TB.
Replacement drives	AACC-DRV-20TB	Replacement Drive 20TB.

Support

Learn more and find additional documentation at https://motr.la/alta-aware-docs for specific product support.

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