

Data Sheet

Avigilon Alta A5 360 Camera

Avigilon Alta Cloud Security





The AI-powered Avigilon Alta A5 360 Camera for Alta Video provides 360° visibility, making it ideal for locations that require coverage in all directions. With a 12MP image sensor, IR illumination and HDR, the 360 Camera provides crisp, clear visibility even in challenging lighting conditions. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



360° fisheye panoramic with IR



Built-in AI video and audio analytics and on-device storage



Versatile, robust and sleek, fit for both the harshest outdoor and discreet indoor setups



Factory-installed certificates backed by a trusted platform module (TPM).



12MP image sensor



NDAA-Compliant: designed and developed in Norway and the UK, manufactured in Taiwan



Features

IMAGE SENSOR	ONVIF	INGRESS PROTECTION
12MP	ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode. (www.onvif.org)	IP66 (IEC/EN 60529)
IMAGE SENSOR SIZE FORMAT	NETWORK PROTOCOLS	TEMPERATURE
1/2.3"	IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP	Operating: -40°C to +50°C
LENS (WIDE)	Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP	Storage: -40°C to +60°C
Aperture: f/2.0	POWER SOURCE	PHYSICAL CHARACTERISTICS
Fixed focus	PoE+ (802.3at Type 2)	Dimensions: 152x152x77mm
Focus distance: 0.5m - ∞	For installation only: USB-C (1.5A mode)	Weight: 1.1 kg
Focus length: 4.8mm	POWER CONSUMPTION	Body: Aluminum
IR NIGHT VISION	Typical: 5W	EMC
Automatic night mode	Max without heater: 13W	EN 55032
IR-cut filter	Max with heater: 23W	EN 61000-3-2/-3
IR range: 20m	STORAGE	EN 55024
850 nm IR LED	MicroSD	EN 55035
MINIMUM ILLUMINATION IN COLOR MODE	SDXC UHS-I	EN61000-6-2/-4
0.4lux	CONNECTION	FCC Part 15B
FIELD OF VIEW	802.3ab 10/100/1000 Gigabit Ethernet	ICES-003 Issue 6
>180°	USB-C for preview and setup	SAFETY
MAXIMUM RESOLUTION & FRAME RATE	STORAGE	IEC60950-1
3000x3000@30fps	MicroSD	IEC62368-1
DYNAMIC RANGE	SDXC UHS-I	IEC60950-22
Multi-exposure line-based HDR	CONNECTION	UL/CSA60950-1
VIDEO COMPRESSION	802.3ab 10/100 Ethernet	UL/CSA 62368-1
H.264	USB-C for preview and setup	UL E164374
Motion JPEG	INSTALLATION AID	NOM-019
AUDIO	Automatic wall and ceiling detection	IEC62471 (IR LED)
Microphone array (4x microphones)	Flexible bracket, mounts to standard back boxes. Refer to technical drawing.	WARRANTY
AI audio event classification	IMPACT RESISTANCE	10-year warranty with Alta Video license or 3-year warranty
Audio source localization	IK10 (IEC/EN 62262)	
SECURITY		
Factory-installed certificates		
No default passwords		
Mandatory access authentication		
HTTPS/TLS encryption		

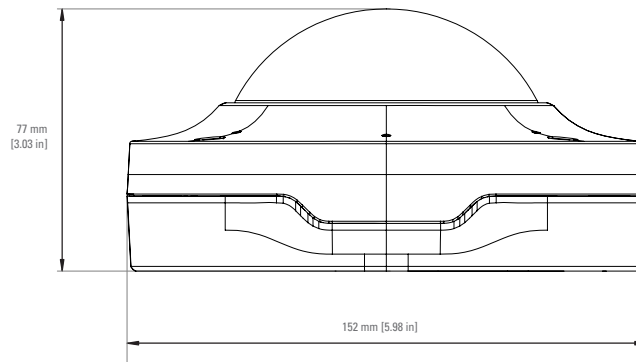


Technical drawings

Camera

Side view

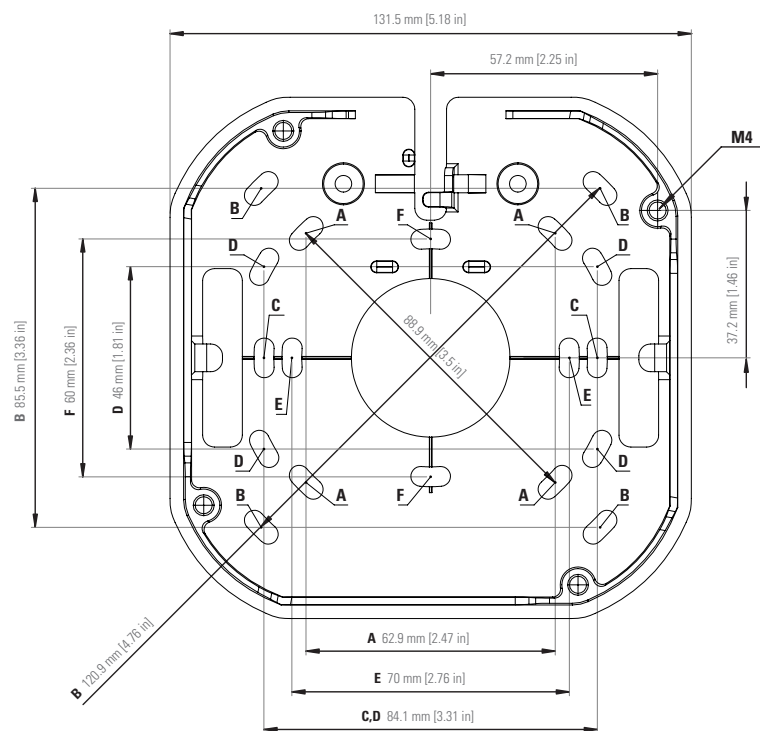
Scale 1:2



Mounting Bracket

Top view

Scale 1:2



	DIMENSION (MM)	DIMENSION (INCH)	USAGE
A	Octagon	62.9 x 62.9 (88.9 diagonal)	2.47 x 2.47 (3.50 diagonal)
B	4" Square Box	85.5 x 85.5 (120.9 diagonal)	3.36 x 3.36 (4.76 diagonal)
C	Single Gang	84.1	3.31
D	Double Gang	84.1 x 46	3.31 x 1.81
E	EU Ceiling Box	70	2.76
F	EU Outlet Box	60	2.36





Ordering information

Avigilon Alta A5 360

PRODUCT ID	ONBOARD RETENTION	DEPLOYMENT	COLOR
360-W-30	30 days	Alta Video Cloud	White
360-B-30	30 days	Alta Video Cloud	Black
360-W-60	60 days	Alta Video Cloud	White
360-B-60	60 days	Alta Video Cloud	Black
360-W	No - Cloud Connector required	Alta Video Cloud	White
360-B	No - Cloud Connector required	Alta Video Cloud	Black



Ordering information

Accessories

PRODUCT ID	PRODUCT NAME	COLOR
ACC-PEN-CAP-W	Avigilon Pendant Mounting Cap	White
ACC-PEN-CAP-B	Avigilon Pendant Mounting Cap	Black
ACC-MNT-ARM-W	Avigilon Wall Mount Arm	White
ACC-MNT-ARM-B	Avigilon Wall Mount Arm	Black
ACQ-PEN-HEA	Avigilon Pendant Head	White
ACQ-PEN-PIP	Avigilon Pendant Pipe 40cm	White
ACC-POL-BRA-W	Avigilon Pole Bracket	White
ACC-POL-BRA-B	Avigilon Pole Bracket	Black
ACC-CRN-BRA-W	Avigilon Corner Bracket	White
ACC-CRN-BRA-B	Avigilon Corner Bracket	Black
ACC-CON-A34-W	Avigilon Conduit Adapter 3/4"	White
ACC-CON-A34-B	Avigilon Conduit Adapter 3/4"	Black

To learn more, visit:
www.motorolasolutions.com



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