AVIGILON™

AVA 360 CAMERA

Avigilon Alta Cloud Security

The AI-powered Avigilon Ava 360 Camera for Alta Aware 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.
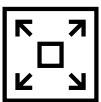
360° fisheye panoramic with IR

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

MOTOROLA SOLUTIONS

FEATURES

IMAGE SENSOR

12MP

IMAGE SENSOR SIZE FORMAT

1/2.3"

LENS

Aperture: ƒ/2.0

Fixed focus

Focus distance: 0.5m - ∞

IR NIGHT VISION

Automatic night mode

IR-cut filter

IR range: 20m

850 nm IR LED

MINIMUM ILLUMINATION IN COLOR MODE

0.4lux

FIELD OF VIEW

>180°

MAXIMUM RESOLUTION & FRAME RATE

3000x3000@30fps

DYNAMIC RANGE

Multi-exposure line-based HDR

VIDEO COMPRESSION

H.264

Motion JPEG

AUDIO

Microphone array (4x microphones)

AI audio event classification

Audio source localization

SECURITY

Factory-installed certificates

No default passwords

Mandatory access authentication

HTTPS/TLS encryption

ONVIF

ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode. (www.onvif.org)

NETWORK PROTOCOLOS

IPv4, HTTPS, TLS, DNS, mDNS, DNS-SD, NTP, RTSP, RTP, RTCP, ICMP, DHCP, ARP

Streaming: RTP/UDP, RTP/RTSP/HTTPS/TCP

POWER SOURCE

PoE+ (802.3at Type 2)

For installation only: USB-C (1.5A mode)

POWER CONSUMPTION

Typical: 5W

Max without heater: 13W

Max with heater: 23W

STORAGE

MicroSD

SDXC UHS-I

CONNECTION

802.3ab 10/100/1000 Gigabit Ethernet

USB-C for preview and setup

INSTALLATION AID

Automatic wall and ceiling detection

Flexible bracket, mounts to standard back boxes. Refer to technical drawing.

IMPACT RESISTANCE

IK10 (IEC/EN 62262)

INGRESS PROTECTION

IP66 (IEC/EN 60529)

TEMPERATURE

Operating: -40ºC to +50ºC

Storage: -40ºC to +60ºC

PHYSICAL CHARACTERISTICS

Dimensions: 152x152x77mm

Weight: 1.1 kg

Body: Aluminum

EMC

EN 55032

EN 61000-3-2/-3

EN 55024

EN 55035

EN61000-6-2/-4

FCC Part 15B

ICES-003 Issue 6

SAFETY

IEC60950-1

IEC62368-1

IEC60950-22

UL/CSA60950-1

UL/CSA 62368-1

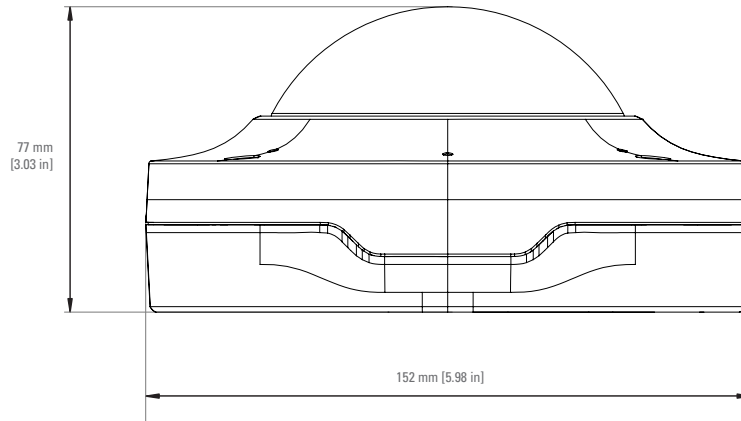UL E164374

NOM-019

IEC62471(IR LED)

WARRANTY

10-year warranty with Alta Aware license or 3-year warranty without

TECHNICAL DRAWINGS
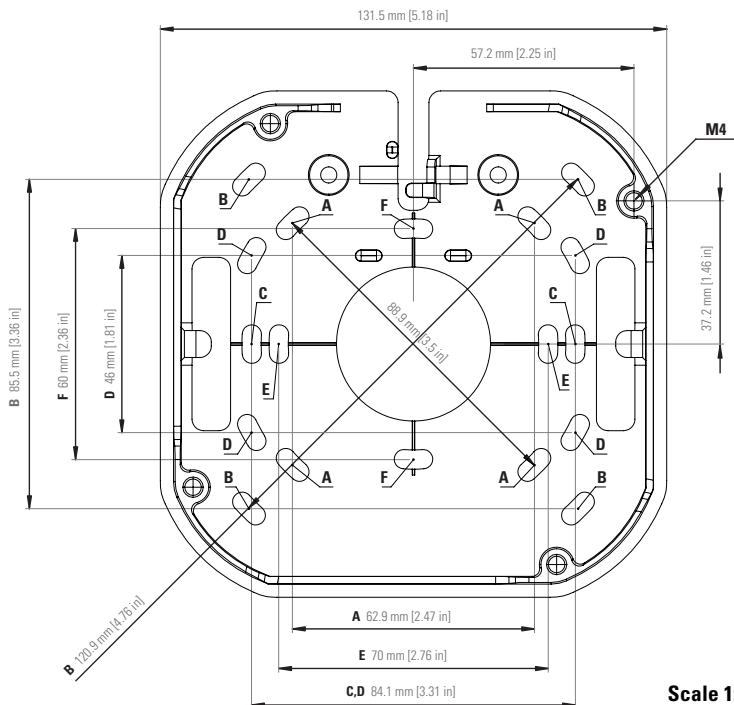
Camera

Side view

77 mm
[3.03 in]

152 mm [5.98 in]

Scale 1:2

Mounting Bracket

Top view

131.5 mm [5.18 in]

57.2 mm [2.25 in]

M4

37.2 mm [1.46 in]

B 85.5 mm [3.36 in]

F 60 mm [2.36 in]

D 46 mm [1.81 in]

88.9 mm [3.5 in]

B 120.9 mm [4.76 in]

B A F A B

D D

C C

E E

D D

B A F A B

A 62.9 mm [2.47 in]

E 70 mm [2.76 in]

C,D 84.1 mm [3.31 in]

Scale 1:2

	DESIGNATION	DIMENSION (MM)	DIMENSION (INCH)
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 AVA 360

PRODUCT ID	RESOLUTION	DEPLOYMENT	COLOR
360-W-30	30 days	Alta Aware Cloud	White
360-B-30	30 days	Alta Aware Cloud	Black
360-W-60	60 days	Alta Aware Cloud	White
360-B-60	60 days	Alta Aware Cloud	Black
360-W	No	Alta Aware on-prem	White
360-B	No	Alta Aware on-prem	Black

ACCESSORIES

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

To learn more, visit:
www.avigilon.com

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