

# AVIGILON™ AVA BULLET CAMERA

## Avigilon Alta Cloud Security



Available in wide and telephoto lens options, the AI-powered Avigilon Ava Bullet Camera for Alta Aware provides flexible coverage to ensure security from any indoor or outdoor location. With up to 4K resolution, remote zoom and focus, HDR and IR illumination, the Bullet Camera provides crisp, clear images 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.



Available in wide and tele lenses for flexible coverage



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



Simple to install with innovative sliding body design and easy onboarding



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



Dynamic resolution up to 4K



NDA-compliant: designed and developed in Norway and the UK, manufactured in Taiwan



**MOTOROLA SOLUTIONS**

# FEATURES

## IMAGE SENSOR

8MP (4K) or 5MP

## IMAGE SENSOR SIZE FORMAT

1/1.8"

## LENS (WIDE)

**Focal length:** 4.3-10.8mm

**Aperture:**  $f/1.38-f/2.8$

Zoom

**IR illumination, max distance:** 50m

**Minimum illumination:** 0.06 lux in color mode

## LENS (TELE)

**Focal length:** 11-28mm

**Aperture:**  $f/1.47-f/1.69$

Zoom

**IR illumination, max distance:** 90m

**Minimum illumination:** 0.06 lux in color mode

## ZOOM

2.5x

## IR NIGHT VISION

Automatic night mode

IR-cut filter

850 nm IR LED

## FIELD OF VIEW (WIDE)

100° - 40° Horizontal, 53° - 23° Vertical

## FIELD OF VIEW (TELE)

39° - 16° Horizontal, 23° - 9° Vertical

## MAXIMUM RESOLUTION & FRAME RATE 8MP (4K)

3840x2160@30fps

## MAXIMUM RESOLUTION & FRAME RATE 5MP (4K)

3072x1728@30fps

## DYNAMIC RANGE

Multi-exposure line-based HDR

## VIDEO COMPRESSION

H.264

Motion JPEG

## AUDIO

Microphone array (4x microphones)

Audio classification

Audio localization

## SECURITY

Trusted Platform Module (TPM 2.0)

Factory installed certificates

No default passwords

Mandatory access authentication

HTTPS/TLS encryption

## NETWORK PROTOCOLS

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), normal operation

PoE (802.3 af), without heat and IR

USB-C, installation only

## POWER CONSUMPTION

**Typical:** 5 W

**Max without heater, with IR:** 13 W

**Max with heater:** 23 W

## STORAGE

MicroSD

SDXC UHS-I

## CONNECTION

802.3ab 10/100 Ethernet

USB-C for preview and setup

## INSTALLATION AID

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

## ADJUSTMENT RANGE

Pan, Tilt, Roll

## IMPACT RESISTANCE

IK10 (IEC/EN 62262)

## INGRESS PROTECTION

IP66 (IEC/EN 60529)

## TEMPERATURE

**Operating:** -25°C to +50°C

**Storage:** -40°C to +60°C

## PHYSICAL CHARACTERISTICS

**Dimensions:** 284x86x108

**Weight:** 1.33 kg

**Body:** Aluminum

## EMC

EN55032, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3, EN50130-4 CISPR 32, AS/NZS CISPR 32, FCC subpart 15B, ICES-003 Issue 7

## SAFETY

UL (UL 62368-1)

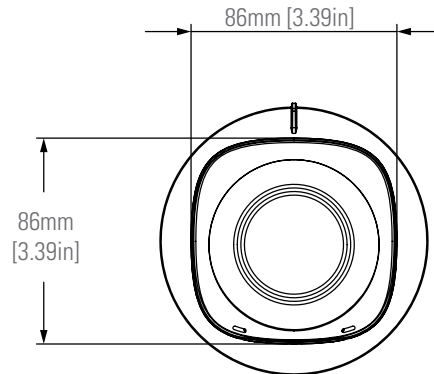
CB (IEC/ EN 62368-1, IEC/EN 60950-22, IEC/EN 62471)

NOM-019

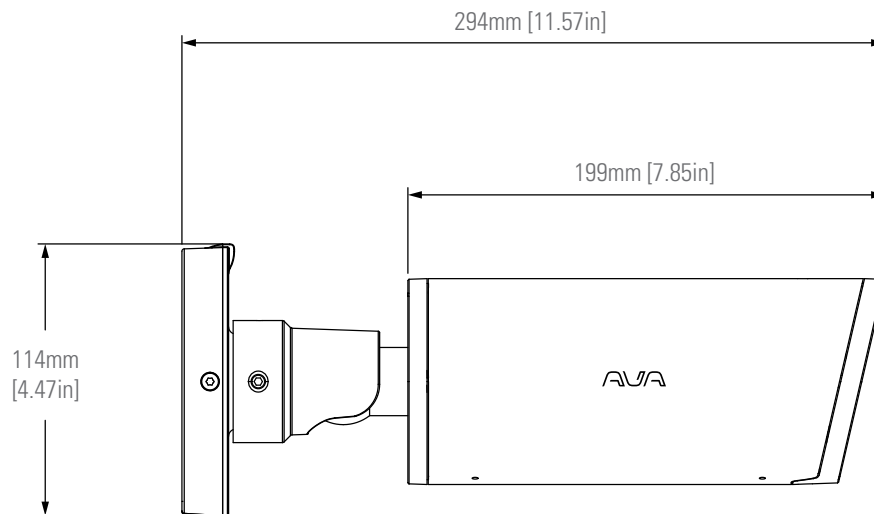
# TECHNICAL DRAWINGS

## Camera

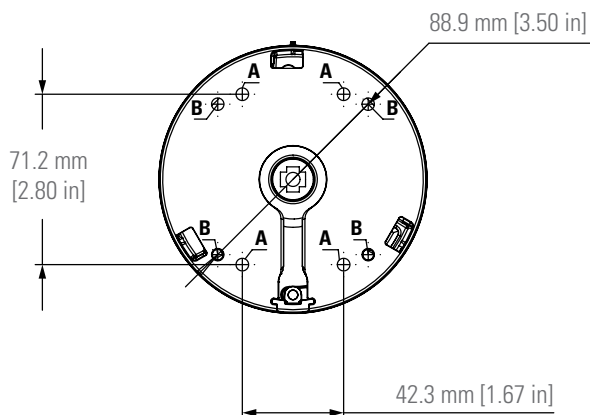
### Front view



### Side view



### Rear view



	DIMENSION (MM)	DIMENSION (INCH)	USAGE
<b>A</b>	42.3 x 71.2	1.67 x 2.8	Large fasteners & anchors
<b>B</b>	62.86 x 62.86 (88.9 diagonal)	2.47 x 2.47 (3.5 diagonal)	Ava Mounts, small fasteners



# ORDERING INFORMATION

## AVIGILON AVA BULLET TELE

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	COLOR
BULLET-TE-W	4K	No. Cloud Connector required.	White
BULLET-TE-W-4K-30	4K	30 days	White
BULLET-TE-W-4K-60	4K	60 days	White
BULLET-TE-W-5MP	5MP	No. Cloud Connector required.	White
BULLET-TE-W-5MP-30	5MP	30 days	White
BULLET-TE-W-5MP-60	5MP	60 days	White
BULLET-TE-W-5MP-120	5MP	120 days	White
BULLET-TE-B	4K	No. Cloud Connector required.	Black
BULLET-TE-B-4K-30	4K	30 days	Black
BULLET-TE-B-4K-60	4K	60 days	Black
BULLET-TE-B-5MP	5MP	No. Cloud Connector required.	Black
BULLET-TE-B-5MP-30	5MP	30 days	Black
BULLET-TE-B-5MP-60	5MP	60 days	Black
BULLET-TE-B-5MP-120	5MP	120 days	Black



# ORDERING INFORMATION

## AVIGILON AVA BULLET WIDE

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	COLOR
BULLET-WI-W	4K	No. Cloud Connector required.	White
BULLET-WI-W-4K-30	4K	30 days	White
BULLET-WI-W-4K-60	4K	60 days	White
BULLET-WI-W-5MP	5MP	No. Cloud Connector required.	White
BULLET-WI-W-5MP-30	5MP	30 days	White
BULLET-WI-W-5MP-60	5MP	60 days	White
BULLET-WI-W-5MP-120	5MP	120 days	White
BULLET-WI-B	4K	No. Cloud Connector required.	Black
BULLET-WI-B-4K-30	4K	30 days	Black
BULLET-WI-B-4K-60	4K	60 days	Black
BULLET-WI-B-5MP	5MP	No. Cloud Connector required.	Black
BULLET-WI-B-5MP-30	5MP	30 days	Black
BULLET-WI-B-5MP-60	5MP	60 days	Black
BULLET-WI-B-5MP-120	5MP	120 days	Black

# ORDERING INFORMATION

## ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACC-WEA-SHI-B	<a href="#">Avigilon Ava Weather Shield</a>	Black
ACC-WEA-SHI-W	<a href="#">Avigilon Ava Weather Shield</a>	White
ACC-CON-BCK-B	<a href="#">Avigilon Ava Conduit Back Box</a>	Black
ACC-CON-BCK-W	<a href="#">Avigilon Ava Conduit Back Box</a>	White
ACC-ADA-PLA-B	<a href="#">Avigilon Ava Adapter Plate</a>	Black
ACC-ADA-PLA-W	<a href="#">Avigilon Ava Adapter Plate</a>	White
ACC-POL-BRA-W	<a href="#">Avigilon Ava Pole Bracket</a>	White
ACC-POL-BRA-B	<a href="#">Avigilon Ava Pole Bracket</a>	Black
ACC-CRN-BRA-W	<a href="#">Avigilon Ava Corner Bracket</a>	White
ACC-CRN-BRA-B	<a href="#">Avigilon Ava Corner Bracket</a>	Black

To learn more, visit:  
[www.avigilon.com](http://www.avigilon.com)



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