BULLET

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

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

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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

Lens (tele)
Focal length 11-28mm
Aperture: *f*/1.47-*f*/1.69
Zoom

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
3072x1728@30fps

Dynamic range
Multi-exposure line-based HDR

Video compression
H.265, 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
2x MicroSD, SDXC UHS-I

Connection
802.3u 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, IP67 (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
IEC62368-1, UL62368-1, IEC62471, NOM-019

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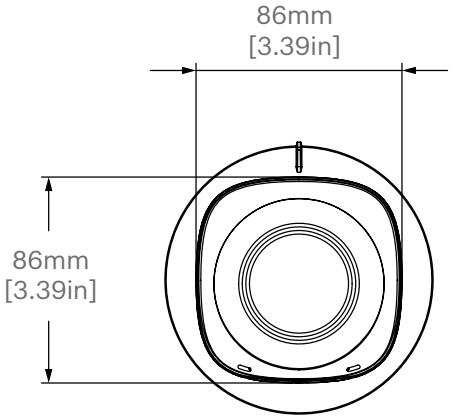
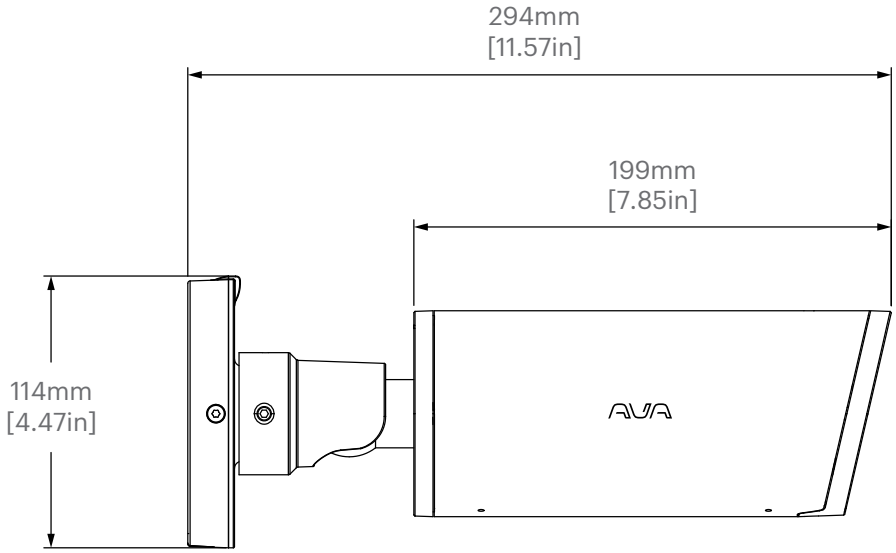
Technical drawings

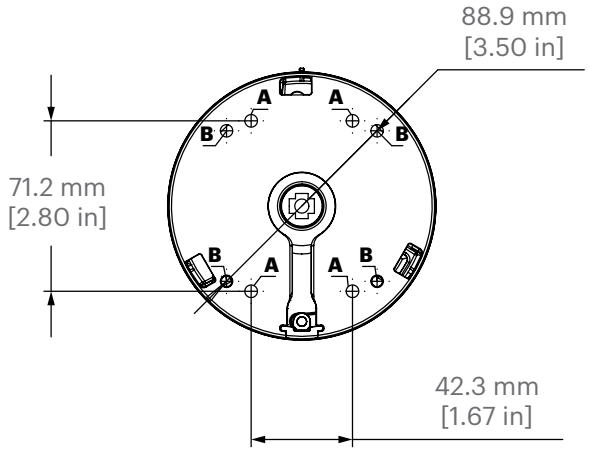
Front view



Side view



Rear view



	Dimension (mm)	Dimension (inch)	Usage
A	42.3 x 71.2	1.67 x 2.8	Large fasteners & anchors
B	62.86 x 62.86 (88.9 diagonal)	2.47 x 2.47 (3.5 diagonal)	Ava Mounts, small fasteners

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Ordering information

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

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Ordering information

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

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Ordering information

Accessories

PRODUCT ID	RESOLUTION	COLOR
ACC-WEA-SHI-B	Weather shield	Black
ACC-WEA-SHI-W	Weather shield	White
ACC-CON-BCK-B	Conduit back box	Black
ACC-CON-BCK-W	Conduit back box	White
ACC-ADA-PLA-B	Adapter plate	Black
ACC-ADA-PLA-W	Adapter plate	White
ACC-POL-BRA-W	Pole bracket	White
ACC-POL-BRA-B	Pole bracket	Black
ACC-CRN-BRA-W	Corner bracket	White
ACC-CRN-BRA-B	Corner bracket	Black

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