# AVA

# 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)
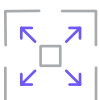
Dynamic resolution up to 4K

Designed and developed in Norway and the UK

## Image sensor
8MP (4K) or 5MP

## Image sensor size format
1/1.8"

## Lens (wide)
Focal length: 4.3-10.8mm
Aperture: ƒ/1.38-ƒ/2.8

## Lens (tele)
Focal length: 11-28mm
Aperture: ƒ/1.47-ƒ/1.69

## 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: 12.95 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
IP67 (IEC/EN 60529)

## Temperature
Operating: -25°C to +50°C
Storage: -40°C to +60°C

## Physical characteristics
Dimensions: 284x86x108mm
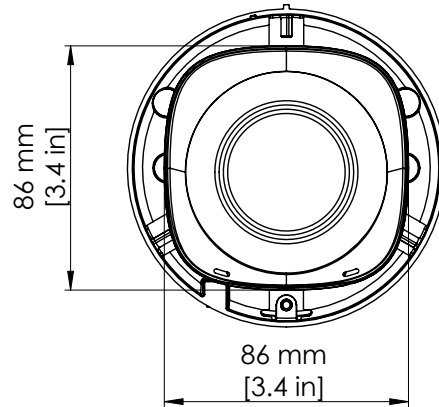Weight: 1.33 kg
Body: Aluminum

## EMC
FCC subpart 15B, ICES-003 Issue 7, EN55032, EN 61000-6-4, EN 61000-3-2, EN 61000-3-3, EN50130-4, CISPR 32, AS/NZS CISPR 32
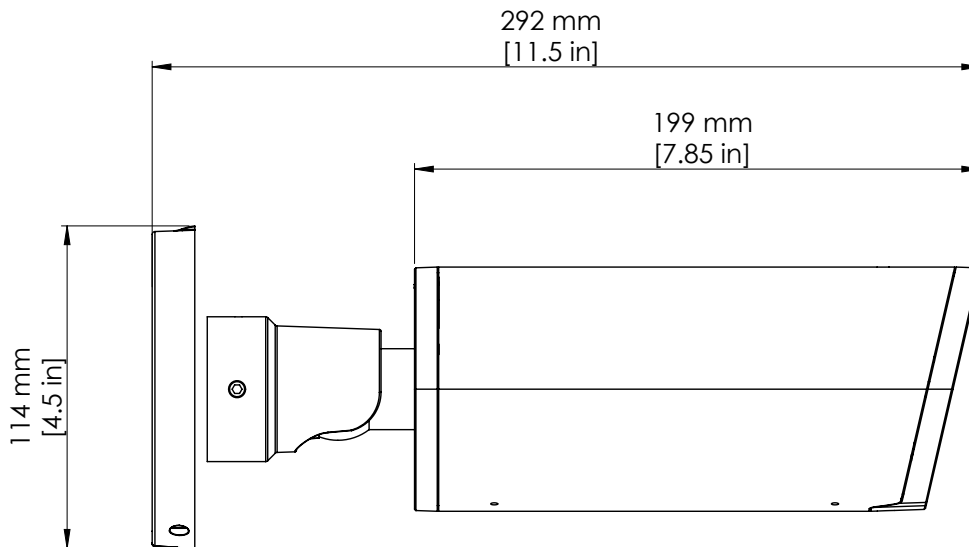
## Safety
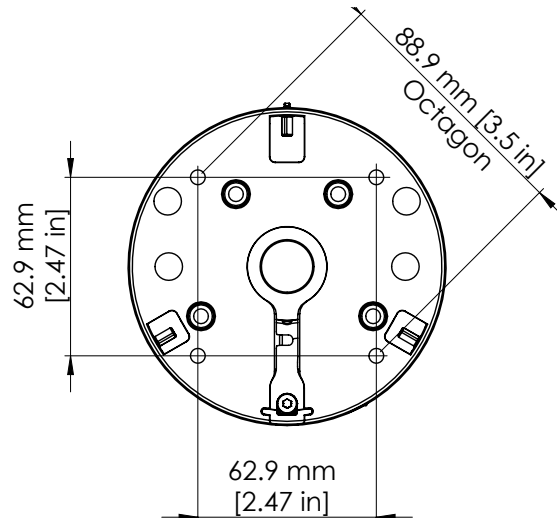IEC62368-1, UL62368-1, IEC62471

# Technical drawings

## Front view

86 mm
[3.4 in]

86 mm
[3.4 in]

## Side view

292 mm
[11.5 in]

199 mm
[7.85 in]

114 mm
[4.5 in]

## Rear view

88.9 mm [3.5 in]
Octagon

62.9 mm
[2.47 in]

62.9 mm
[2.47 in]

# 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 |

# 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 |