



# AVA FLEX CAMERA



Fixed lens camera with color night vision



Versatile, lightweight, and fit for discreet indoor installations



Insights from integrated environmental sensors



Simple to install and onboard with QR code scanning



WiFi and PoE for flexible deployment



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



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



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

**Image sensor**

2MP

**Image sensor size format**

1/2.7"

**Lens**

Focal length: 3.3 mm

Aperture: *f*/1.1

Fixed focus

**Night vision**

Color night vision

Adaptive white light

**Minimum illumination in color mode**

<0.1lux

**Field of view**

110° horizontal

58° vertical

**Maximum resolution & Frame rate**

1920x1080, 30fps

**Dynamic range**

Multi-exposure line-based HDR

**Video compression**

H.265, H.264, Motion JPEG

**Audio**

Microphone

Audio classification

**Temperature**

Typical Accuracy  $\pm 2.5^{\circ}\text{C}$  ( $\pm 4.5^{\circ}\text{F}$ )

**Relative Humidity**

Typical Accuracy  $\pm 5\%$

**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 802.3af or USB-C 1.5A

**Power consumption**

Typical: 3.5W

Max: 6W

**Storage**

MicroSD, SDXC High Speed

**Connection**

802.3u 10/100 Ethernet

USB-C for preview and setup

**Wireless connection**

Wi-Fi 5 (IEEE 802.11a/b/g/n/ac)

Bluetooth 5.0

**Installation aid**

Suitable for ceiling and wall mount

Screws and wall plugs included

$\frac{1}{4}$ "-20 UNC Standardized camera mount thread

Compatible with Ava Drop Ceiling Mount

**Adjustment range**

Pan, Tilt, Roll

**Temperature**

Operating:  $0^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$

Storage:  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

**Physical characteristics**

Dimensions: With Ball joint mount:

80 x 80 x 96 mm, 202 g

Camera: 80 x 80 x 38 mm, 142 g

**EMC**

EN 55032, 2014/53/EU, BS EN 55032, SI 2017/1206,

AS/NZS CISPR 32,

FCC Part 15B, ICES-003 Issue 6

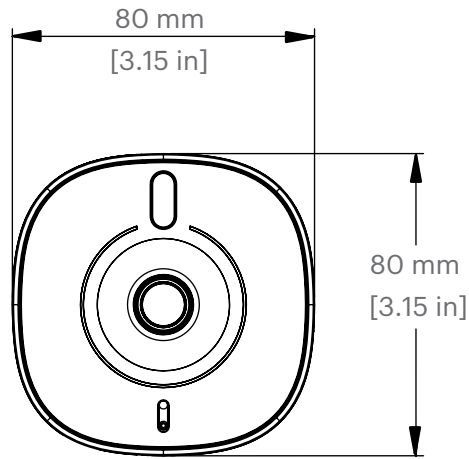
**Safety**

EN 62368, UL 62368, LVD

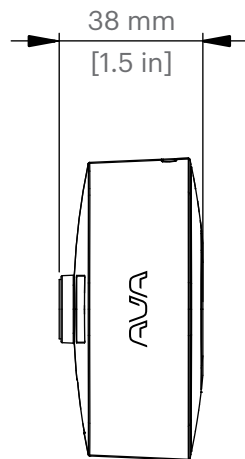
# Technical drawings

## Camera Housing

Front view

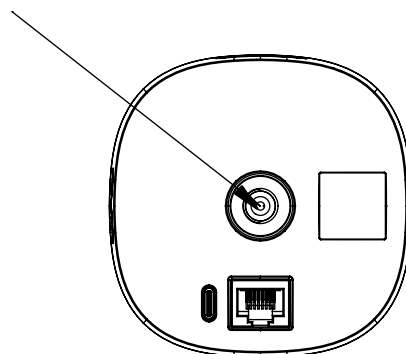


Side view



Rear view

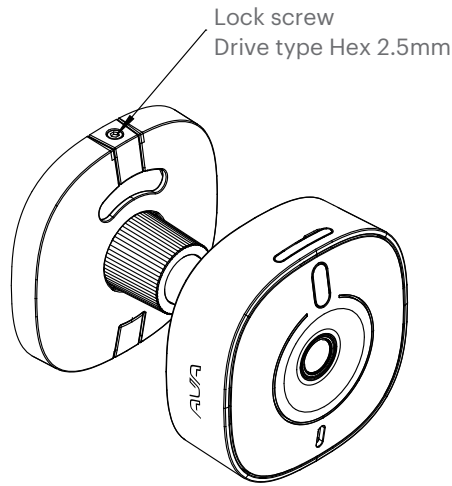
Threaded insert  
1/4 in -20 UNC  $\nabla$  5 mm [0.23 in]



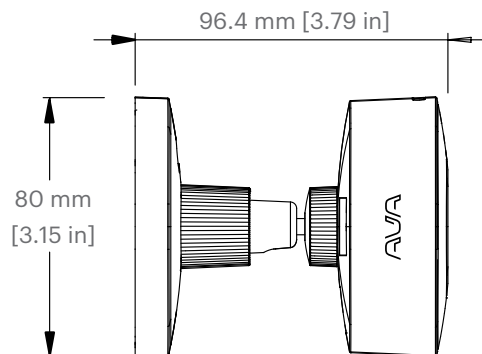
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## Ball Joint Mount

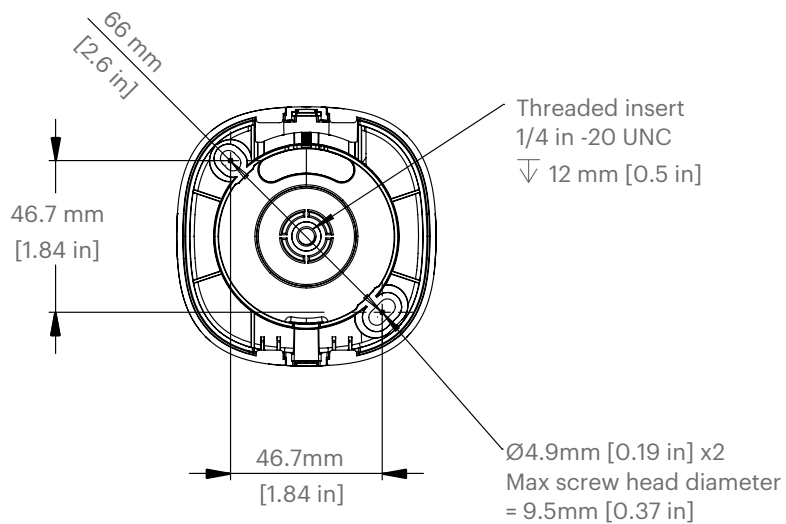
Front 3/4 view



Side view



Rear view



# Ordering information

## Ava Flex

Product ID	Retention	Color	Deployment
FLEX-2MP-7	7 days*	White	Aware Cloud

\*30 days cloud storage

## Accessories

Product ID	Product name	Color
ACC-DRO-CEI	<a href="#">Drop Ceiling mount</a>	N/A
ACC-POE-15W-US ACC-POE-15W-UK ACC-POE-15W-EU	<a href="#">PoE injector 15W</a>	Black