AVA FLEX CAMERA

FIXED

Fixed lens camera with color night vision

WiFi and PoE for flexible deployment

Versatile, lightweight, and fit for discreet indoor installations

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

Insights from integrated environmental sensors

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

Simple to install and onboard with QR code scanning

NDAA-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: ƒ/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 ±2.5°C (±4.5°F)

Relative Humidity
Typical Accuracy ±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
¼"-20 UNC Standardized camera mount
thread
Compatible with Ava Drop Ceiling Mount

Adjustment range
Pan, Tilt, Roll

Temperature
Operating: 0°C to +40°C
Storage: -40°C to +60°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,
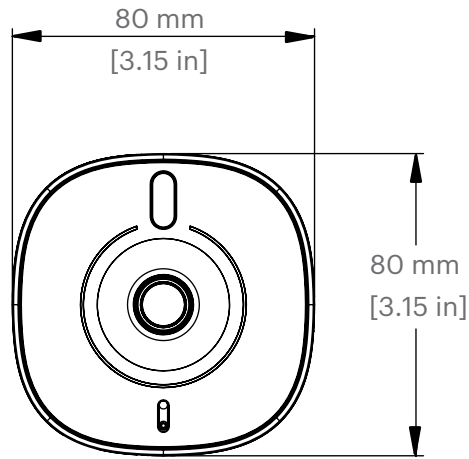FCC Part 15B, ICES-003 Issue 6
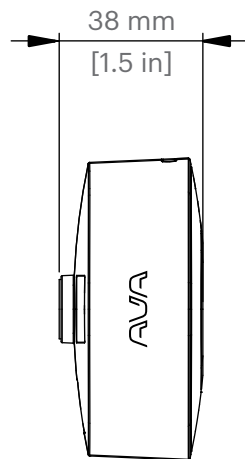
Safety
EN 62368, UL 62368, LVD

Technical drawings
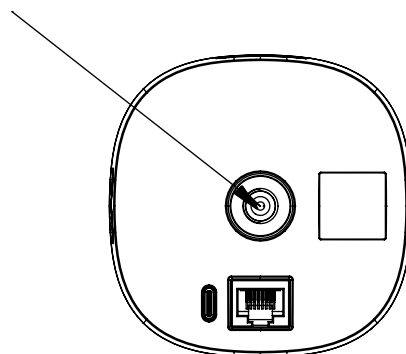
Camera Housing

Front view

80 mm
[3.15 in]

80 mm
[3.15 in]

Side view

38 mm
[1.5 in]

Rear view

Threaded insert
1/4 in -20 UNC ↧ 5 mm [0.23 in]

Technical drawings

Ball Joint Mount

Front 3/4 view

Lock screw
Drive type Hex 2.5mm

Side view

96.4 mm [3.79 in]

80 mm
[3.15 in]

Rear view

66 mm
[2.6 in]

Threaded insert
1/4 in -20 UNC
⧩ 12 mm [0.5 in]

46.7 mm
[1.84 in]

46.7mm
[1.84 in]

Ø4.9mm [0.19 in] x2
Max screw head diameter
= 9.5mm [0.37 in]
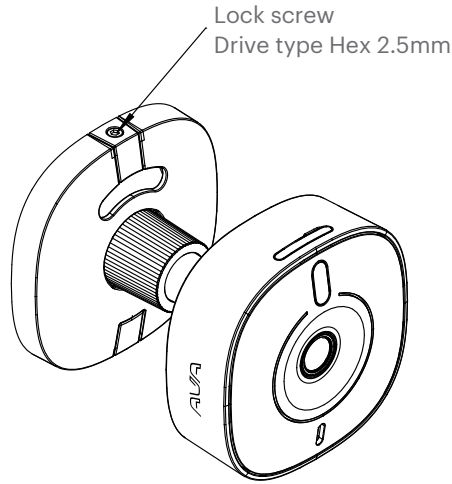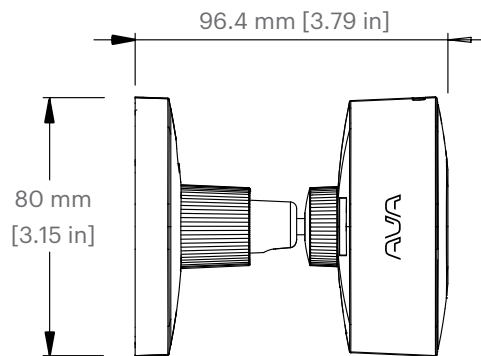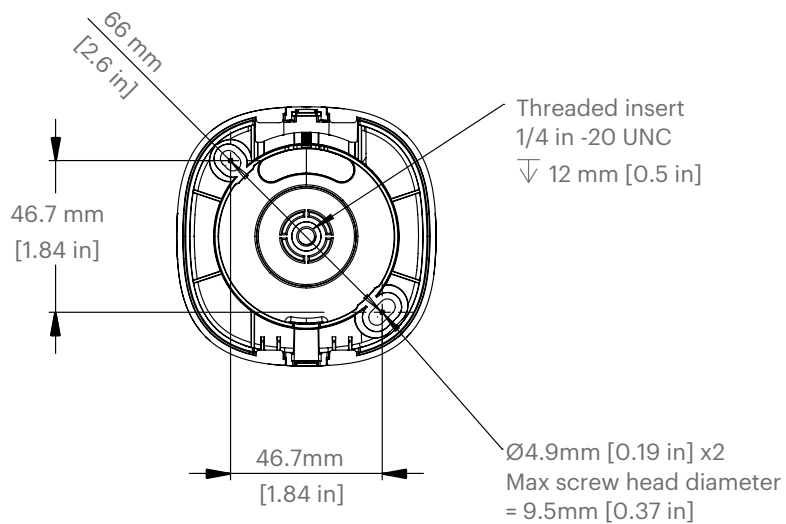
Ordering information

Ava Flex

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

*30 days cloud storage

Accessories

Product ID	Product name	Color
ACC-DRO-CEI	[Drop Ceiling mount](#)	N/A