



# DOME



Fixed IR Dome camera with motorized zoom and focus



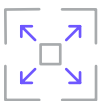
Built-in AI video and audio analytics and on-device storage



Versatile, robust and sleek, fit for both the hardest outdoor and discreet indoor setups



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



Dynamic resolution up to 8MP (4K)



Designed and developed in Norway and the UK

**Image sensor**

8MP (4K)

**Image sensor size format**

1/1.8"

**Lens**

Focal length: 3.6-10mm

Aperture:  $f/1.5$ - $f/2.8$

Remote zoom and focus

P-iris

**Night vision**

Automatic night mode

IR-cut filter

850 nm IR LED

**Field of view**

100°-45° Horizontal

53°-25° Vertical

**Maximum resolution & Frame rate**

3840x2160@30fps

**Dynamic range**

Multi-exposure line-based HDR

**Video compression**

H.265, H.264, Motion JPEG

**Audio**

Microphone array (4x microphones)

AI audio event classification

Audio source localization

**Security**

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)

For installation only: USB-C (1.5A mode)

**Power consumption**

Typical: 5 W

Max without heater: 12.95 W

Max with heater: 23 W

**Storage**

MicroSD, SDXC UHS-I

**Connection**

802.3ab 10/100/1000 Gigabit Ethernet

USB-C for preview and setup

**Installation aid**

Electronic leveler. Flexible bracket, mounts to standard back boxes.

Refer to technical drawing.

**Impact resistance**

IK10 (IEC/EN 62262)

**Water protection**

IP66 (IEC/EN 60529)

**Temperature**

Operating: -25C to +50C

Storage: -40C to +60C

Heater: 9.6W

**Physical characteristics**

Dimensions: 152x152x96mm

Weight: 1.2 kg

Body: Aluminum

Adjustment range: Pan, Tilt, Azimuth

**EMC**

EN 55032, EN 61000-3-2/-3, EN 55024,

EN 55035, EN 61000-6-1/-3, EN61000-6-2/-4,

FCC Part 15B, ICES-003 Issue 6

**Safety**

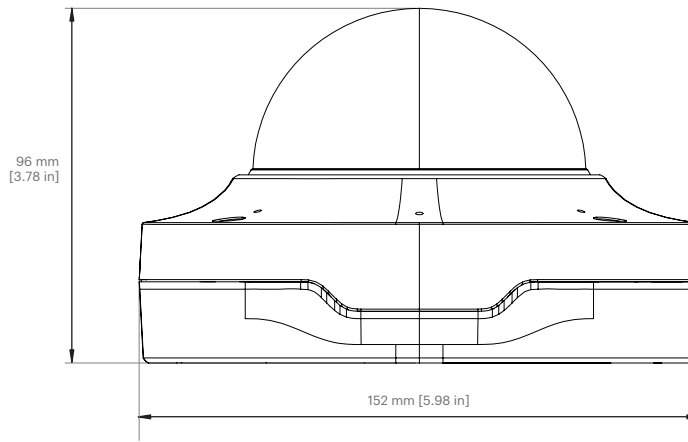
IEC60950-1, IEC62368-1, IEC60950-22,

UL/CSA60950-1, UL/CSA 62368-1,

UL E164374, NOM-019, IEC62471(IR LED)

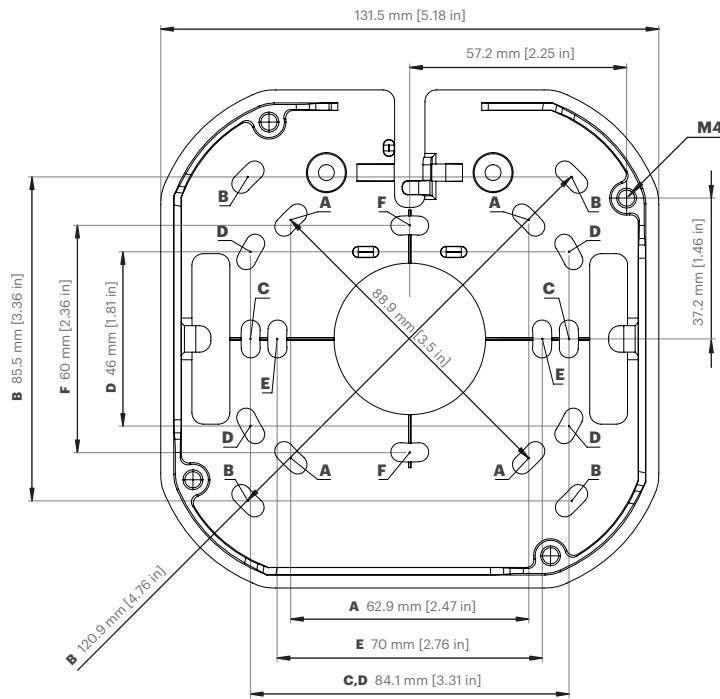
# Technical drawings

## Dome, side view



Scale 1:2

## Mounting bracket, top view



Scale 1:2

	Designation	Dimension (mm)	Dimension (inch)
<b>A</b>	Octagon	62.9 x 62.9 (88.9 diagonal)	2.47 x 2.47 (3.50 diagonal)
<b>B</b>	4" Square Box	85.5 x 85.5 (120.9 diagonal)	3.36 x 3.36 (4.76 diagonal)
<b>C</b>	Single Gang	84.1	3.31
<b>D</b>	Double Gang	84.1 x 46	3.31 x 1.81
<b>E</b>	EU Ceiling Box	70	2.76
<b>F</b>	EU Outlet Box	60	2.36

# Ordering information

## Cloud Dome

Product family	PID	Product description
Cameras	DOME-W-5MP-30	Ava Aware Cloud camera - Dome white. 5MP resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B-5MP-30	Ava Aware Cloud camera - Dome black. 5MP resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-W-5MP-60	Ava Aware Cloud camera - Dome white. 5MP resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B-5MP-60	Ava Aware Cloud camera - Dome black. 5MP resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-W-5MP-120	Ava Aware Cloud camera - Dome white. 5MP resolution. 120 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B-5MP-120	Ava Aware Cloud camera - Dome black. 5MP resolution. 120 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-W-4K-30	Ava Aware Cloud camera - Dome white. 8MP (4K) resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B-4K-30	Ava Aware Cloud camera - Dome black. 8MP (4K) resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-W-4K-60	Ava Aware Cloud camera - Dome white. 8MP (4K) resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B-4K-60	Ava Aware Cloud camera - Dome black. 8MP (4K) resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.

# Ordering information

## On-prem Dome

Product family	PID	Product description
Cameras	DOME-W	Ava Dome Camera White. 8MP (4K) AI-powered dome camera, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	DOME-B	Ava Dome Camera Black. 8MP (4K) AI-powered dome camera, IR and advanced microphone array, indoor and outdoor, 3 year warranty.

## Accessories

Product family	PID	Product description
Cameras	ACC-PEN-CAP-W	Pendant mounting cap for Ava Dome and 360 cameras. White.
Cameras	ACC-PEN-CAP-B	Pendant mounting cap for Ava Dome and 360 cameras. Black.
Cameras	ACC-MNT-ARM-W	Wall mount arm for Ava Dome and 360 cameras. White
Cameras	ACC-MNT-ARM-B	Wall mount arm for Ava Dome and 360 cameras. Black.
Cameras	ACC-POL-BRA-W	Pole mount for Ava Dome and 360 cameras. White.
Cameras	ACC-POL-BRA-B	Pole mount for Ava Dome and 360 cameras. Black.
Cameras	ACC-CRN-BRA-W	Corner mount for Ava Dome and 360 cameras. White.
Cameras	ACC-CON-A34-W	Conduit adapter 3/4" for mounting 3/4" NPT or NPS electrical conduits to the camera for cable protection. White.
Cameras	ACC-CON-A34-B	Conduit adapter 3/4" for mounting 3/4" NPT or NPS electrical conduits to the camera for cable protection. Black.
Cameras	SVCS-CAM-W5YR	5 year total warranty, with next business day advance replacement. Purchased at the time of original purchase.