360

360° fisheye panoramic IR

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

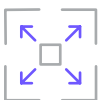Factory-installed certificates backed by a trusted platform module (TPM)

Image sensor up to 12MP

Designed and developed in Norway and the UK

Image sensor

12MP

Image sensor size format

1/2.3"

Effective resolution

9MP

Lens

Aperture: ƒ/2.0
Fixed focus
Focus distance: 0.5m - ∞

Night vision

Automatic night mode
IR-cut filter
850 nm IR LED

Field of view

>180°

Maximum resolution & Frame rate

3000x3000@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 protocols: 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

Automatic wall and ceiling detection.
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: 152x152x77mm
Weight: 1.1 kg
Body: Aluminum

EMC

EN 55032, EN 61000-3-2/-3, EN 55024,
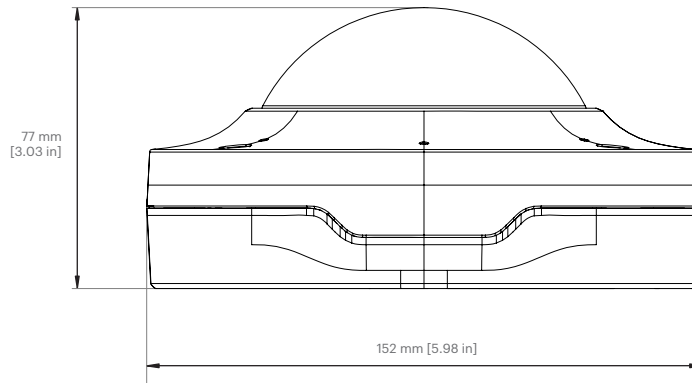EN 55035, EN61000-6-2/-4, FCC Part 15B,
ICES-003 Issue 6

Safety

IEC60950-1, IEC62368-1, IEC60950-22,
UL/CSA60950-1, UL/CSA 62368-1,
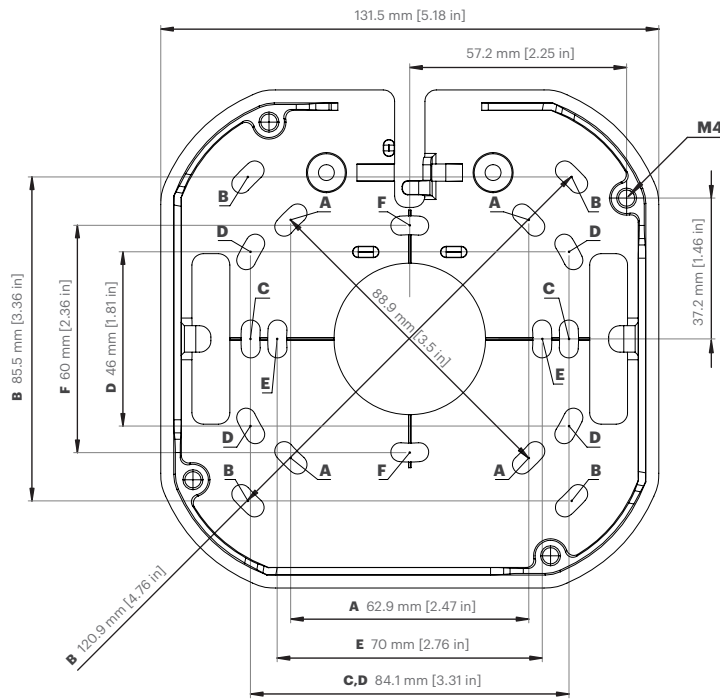UL E164374, NOM-019, IEC62471(IR LED)

Technical drawings

360, side view

77 mm
[3.03 in]

152 mm [5.98 in]

Scale 1:2

Mounting bracket, top view

131.5 mm [5.18 in]

57.2 mm [2.25 in]

M4

37.2 mm [1.46 in]

B 85.5 mm [3.36 in]

F 60 mm [2.36 in]

D 46 mm [1.81 in]

88.9 mm [3.5 in]

B 120.9 mm [4.76 in]

A 62.9 mm [2.47 in]

E 70 mm [2.76 in]

C,D 84.1 mm [3.31 in]

Scale 1:2

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

Ordering information

Cloud 360

Product family	PID	Product description
Cameras	360-W-30	Ava Aware Cloud camera - 360 White. 9MP resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	360-B-30	Ava Aware Cloud camera - 360 Black. 9MP resolution. 30 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	360-W-60	Ava Aware Cloud camera - 360 White. 9MP resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	360-B-60	Ava Aware Cloud camera - 360 Black. 9MP resolution. 60 days retention. AI-powered, IR and advanced microphone array, indoor and outdoor, 3 year warranty.

On-prem Dome

Product family	PID	Product description
Cameras	360-W	Ava 360 Camera White. 9MP resolution. AI-powered pano camera, IR and advanced microphone array, indoor and outdoor, 3 year warranty.
Cameras	360-B	Ava 360 Camera Black. 9MP resolution. AI-powered pano camera, IR and advanced microphone array, indoor and outdoor, 3 year warranty.

Ordering information

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 ¾" NPT or NPS electrical conduits to the camera for cable protection. White.
Cameras	ACC-CON-A34-B	Conduit adapter 3/4" for mounting ¾" 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.