



DOME



Fixed IR dome with motorized zoom and focus



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



Dynamic resolution up to 4K



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



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



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

Image sensor

8MP (4K) or 5MP

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

IR night vision

Automatic night mode

IR-cut filter

IR range: 30m

850 nm IR LED

Minimum illumination in color mode

0.15lux

Field of view

100°-45° Horizontal

53°-25° Vertical

Maximum resolution & Frame rate 8MP

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)

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: 13 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.

Adjustment range

Pan, Tilt, Azimuth

Impact resistance

IK10 (IEC/EN 62262)

Ingress protection

IP66 (IEC/EN 60529)

Temperature

Operating: -40°C to +50°C

Storage: -40°C to +60°C

Physical characteristics

Dimensions: 152x152x96mm

Weight: 1.2 kg

Body: Aluminum

EMC

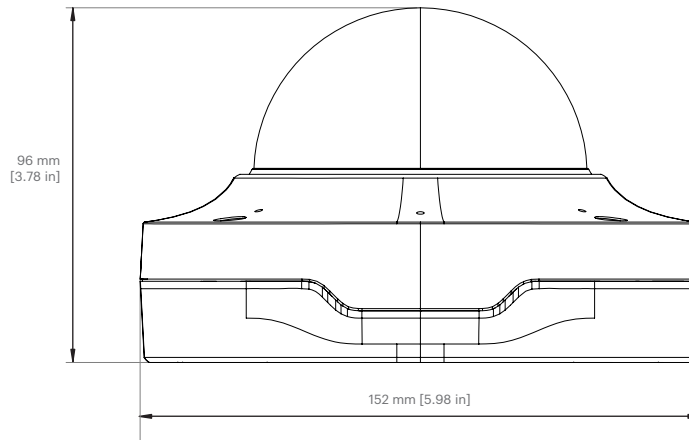
EN 55032, EN 61000-3-2/-3, EN 55024, EN 55035, EN 61000-6-1/-3, EN61000-6-2/-4, FCC Part 15B, ICES-003 Issue 6

Safety

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

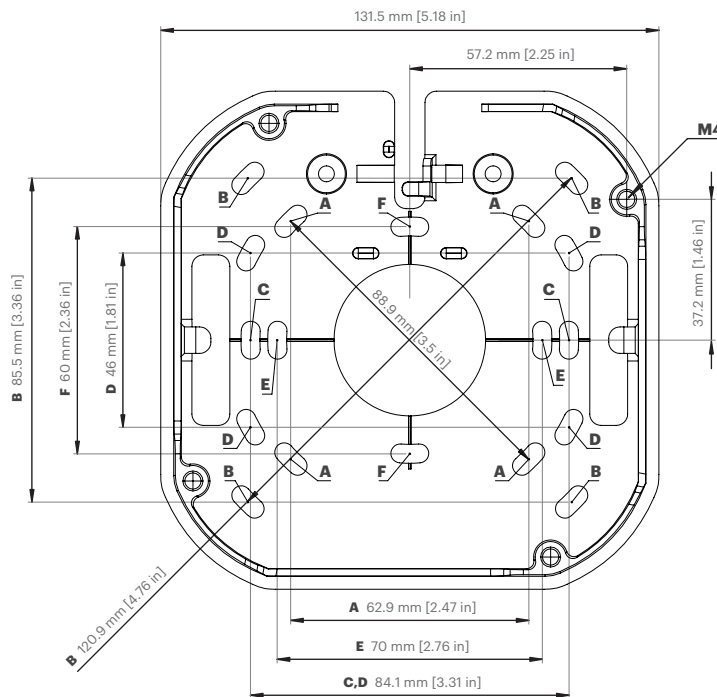
Technical drawings

Dome, side view



Scale 1:2

Mounting bracket, top view



Scale 1:2

	Designation	Dimension (mm)	Dimension (inch)
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

Ava Dome

PRODUCT ID	RESOLUTION	ONBOARD RETENTION	DEPLOYMENT	COLOR
DOME-W-5MP-30	5MP	30 days	Aware Cloud	White
DOME-B-5MP-30	5MP	30 days	Aware Cloud	Black
DOME-W-5MP-60	5MP	60 days	Aware Cloud	White
DOME-B-5MP-60	5MP	60 days	Aware Cloud	Black
DOME-W-5MP-120	5MP	120 days	Aware Cloud	White
DOME-B-5MP-120	5MP	120 days	Aware Cloud	Black
DOME-W-4K-30	4K	30 days	Aware Cloud	White
DOME-B-4K-30	4K	30 days	Aware Cloud	Black
DOME-W-4K-60	4K	60 days	Aware Cloud	White
DOME-B-4K-60	4K	60 days	Aware Cloud	Black
DOME-W-5MP	5MP	No	Aware on-prem	White
DOME-B-5MP	5MP	No	Aware on-prem	Black
DOME-W	4K	No	Aware on-prem	White
DOME-B	4K	No	Aware on-prem	Black

Ordering information

Accessories

PRODUCT ID	RESOLUTION	COLOR
ACC-PEN-CAP-W	Pendant mounting cap	White
ACC-PEN-CAP-B	Pendant mounting cap	Black
ACC-MNT-ARM-W	Wall mount arm	White
ACC-MNT-ARM-B	Wall mount arm	Black
ACQ-PEN-HEA	Pendant head	White
ACQ-PEN-PIP	Pendant pipe 40cm	White
ACC-POL-BRA-W	Pole bracket	White
ACC-POL-BRA-B	Pole bracket	Black
ACC-CRN-BRA-W	Corner bracket	White
ACC-CRN-BRA-B	Corner bracket	Black
ACC-CON-A34-W	Conduit adapter 3/4"	White
ACC-CON-A34-B	Conduit adapter 3/4"	Black
SVCS-CAM-W5YR	5-year total warranty	-