



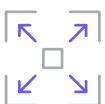
DOME



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)



NDA-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

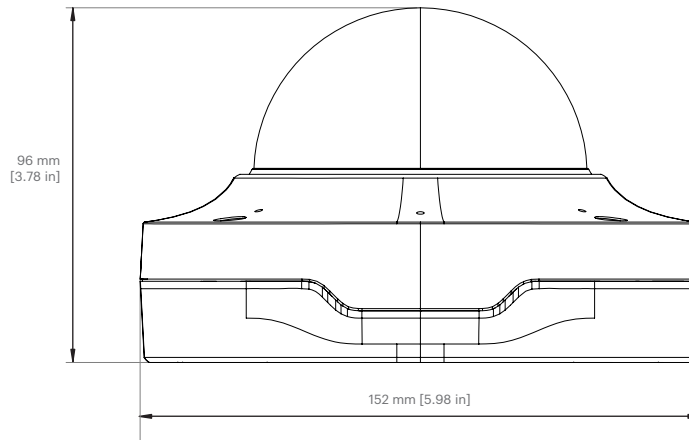
EN 55032, EN 61000-3-2/-3, EN 55024, EN 55035, EN 61000-6-1/-3, EN61000-6-2/-4, FCC Part 15B, ICES-003 Issue 6

Safety

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

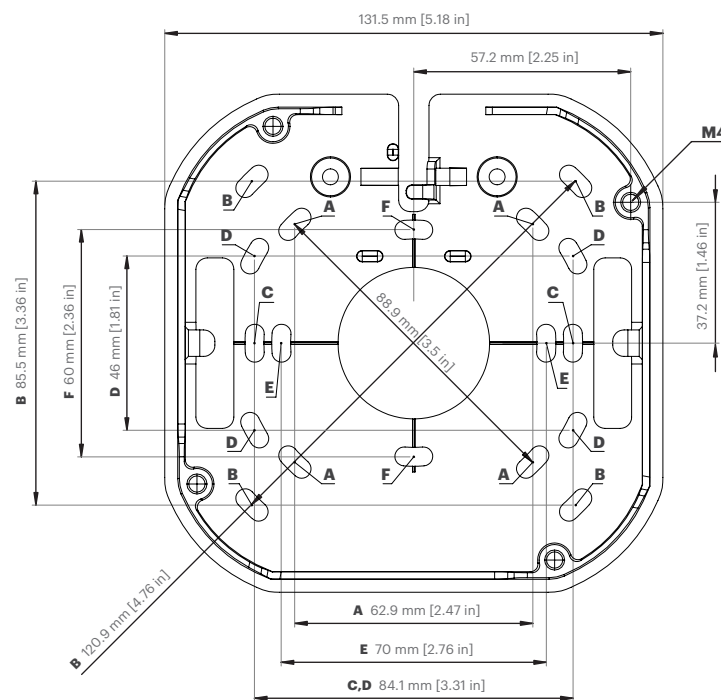
Technical drawings

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 | - |