

AVIGILON™ AVA QUAD CAMERA

Avigilon Alta Cloud Security



The AI-powered Avigilon Ava Quad Camera for Alta Aware is equipped with four independent sensors to provide complete visibility. With up to 20MP resolution, 360° IR coverage and HDR for crisp, clear images, the Quad provides robust security indoors and out. On-camera storage and processing and cloud management minimize physical infrastructure, enabling plug and play configuration for fast deployments. Intelligent video and audio analytics help detect threats in real-time, and provide valuable insights to improve operations.



Multisensor security camera
for flexible coverage



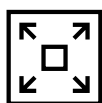
Built-in AI video and audio analytics
and on-device storage



Easy to install and manage
with simple onboarding



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



Dynamic resolution up to 5MP
on all four sensors



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



MOTOROLA SOLUTIONS



FEATURES

IMAGE SENSOR

4 x 5MP

IMAGE SENSOR SIZE FORMAT

1/2.7"

LENS

Focal length: 3.7 ~ 7.7 mm

Aperture: f/1.9-f/2.9

Remote zoom and focus

P-iris

IR NIGHT VISION

Automatic night mode

IR-cut filter

Individually controlled IR LEDs

850 nm IR LED

FIELD OF VIEW

81° ~ 39° horizontal

60° ~ 29° vertical

MAXIMUM RESOLUTION & FRAME RATE

2592x1944@30fps per sensor

DYNAMIC RANGE

Multi-exposure line-based HDR

VIDEO COMPRESSION

H.264

Motion JPEG

AUDIO

Microphone

Audio classification

SECURITY

Trusted Platform Module (TPM 2.0)

Factory installed certificates

No default passwords

Mandatory access authentication

HTTPS/TLS encryption

ONVIF

ONVIF® compliance Profile S. Requires the camera to be set to ONVIF Mode. (www.onvif.org)

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

IEEE 802.3at PoE Class 4 (PoE+)

POWER CONSUMPTION

Max: 25.5W

STORAGE

MicroSD

SDXC UHS-I

CONNECTION

802.3ab 10/100/1000 Gigabit Ethernet

IMPACT RESISTANCE

IK10 (IEC/EN 62262)

INGRESS PROTECTION

IP66 (IEC/EN 60529)

TEMPERATURE

Storage & Operating: -40°C to +60°C*

*IR not available > 50°C

PHYSICAL CHARACTERISTICS

Dimensions: Ø 275x118 mm

Weight: 2.7 kg

Body: Aluminum

EMC

CE (EN55032 Class A)

FCC (FCC Part 15 B Class A)

SAFETY

UL (UL 62368-1)

CB (IEC/ EN 62368-1, IEC/EN 60950-22, IEC/EN 62471)

NOM-019

NOM-019

IEC62471 (IR LED)

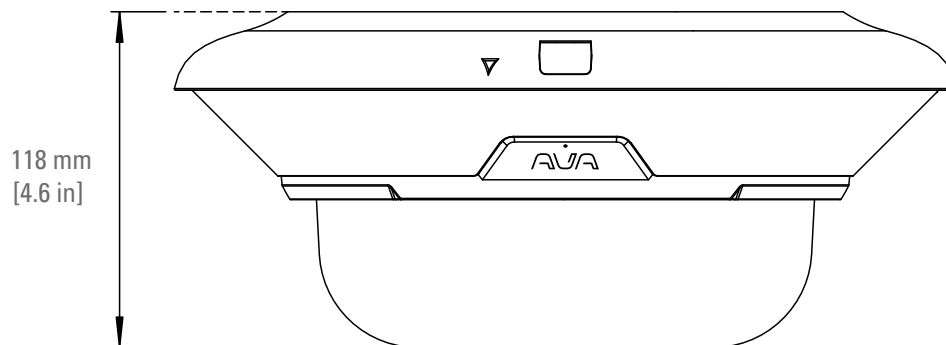
WARRANTY

10-year warranty with Alta Aware license or 3-year warranty without

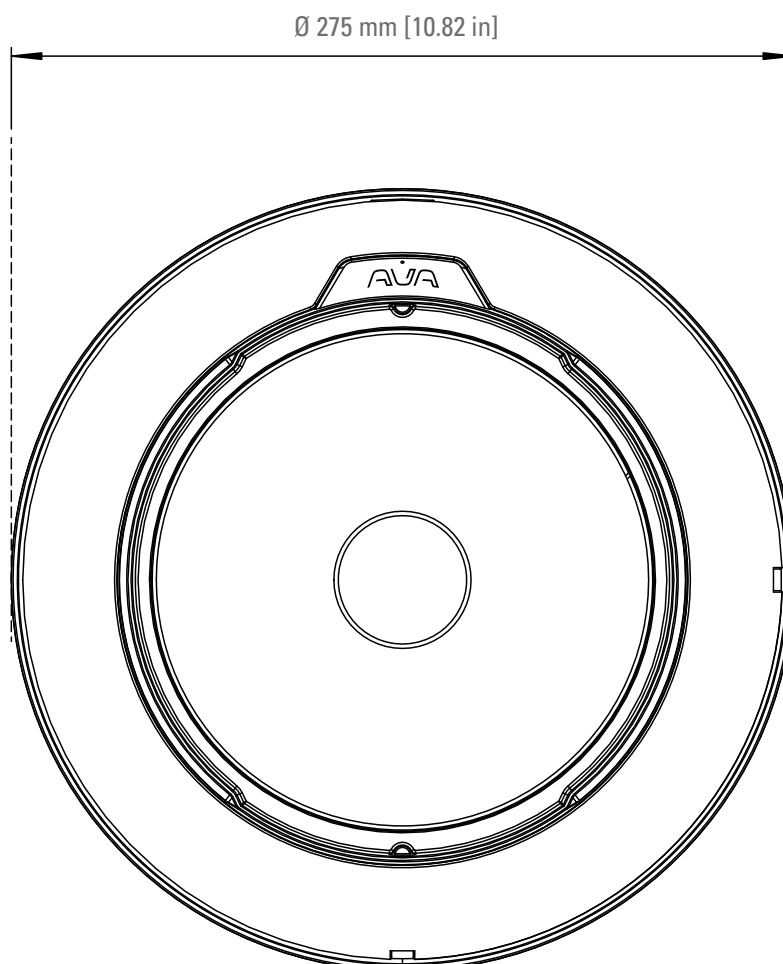
TECHNICAL DRAWINGS

Camera

Side view



Top view



ORDERING INFORMATION

AVIGILON AVA QUAD

PRODUCT ID	RESOLUTION	ONBOARD RETENTION
QUAD	4x 5MP	No. Cloud Connector required.
QUAD-20MP-30	4x 5MP	30 days

ACCESSORIES

PRODUCT ID	PRODUCT NAME	COLOR
ACQ-REC-KIT	Avigilon Ava Recessed Kit	White
ACQ-PEN-HEA	Avigilon Ava Pendant Head	White
ACQ-PEN-PIP	Avigilon Ava Pendant Pipe 40cm	White
ACQ-WAL-MNT	Avigilon Ava Wall Mount Bracket	White
ACQ-POL-MNT	Avigilon Ava Pole Bracket	White
ACQ-CRN-MNT	Avigilon Ava Corner Bracket	White
ACQ-MNT-ADA	Avigilon Ava Mounting Adapter	White

To learn more, visit:
www.avigilon.com



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