AVA
a Motorola Solutions Company

QUAD

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)
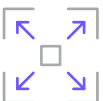
Dynamic resolution up to 5MP on all four sensors

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

Image sensor
4 x 5MP

Image sensor size format
1/2.7"

Lens
Focal length: 3.7 ~ 7.7 mm
Aperture: ƒ/1.9-ƒ/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

Color night vision*
*To be confirmed

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.265, 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

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

Installation aid*
*To be confirmed

Adjustment range*
*To be confirmed

Impact resistance
IK10 (IEC/EN 62262)

Ingress protection
IP66 (IEC/EN 60529)

Temperature
Storage & Operating: -40C to +60C*
*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

Ordering information

Ava Quad

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

Accessories

PRODUCT ID	RESOLUTION	COLOR
ACQ-REC-KIT	Recessed kit	White
ACQ-PEN-HEA	Pendant head	White
ACQ-PEN-PIP	Pendant pipe 40cm	White
ACQ-WAL-MNT	Wall mount bracket	White
ACQ-POL-MNT	Pole bracket	White
ACQ-CRN-MNT	Corner bracket	White
ACQ-MNT-ADA	Mounting adapter	White

Technical drawings

118 mm
[4.6 in]

Ø 275 mm [10.82 in]