



6MP Bullet Vari-Focal Camera: AMG-UKVFBC-660-IP



The AMG-UKVFBC-660-IP is an Essential Series 6MP IP bullet camera designed for reliable, intelligent surveillance systems. It features 1/2.8" Progressive Scan CMOS sensor, motorized 2.7–13.5mm autofocus varifocal lens, and IR illumination up to 60 m for clear monitoring in both day and night conditions.

With H.265/H.264 compression, quad-streaming, ≥140 dB HDR, built-in microphone, AI-based human and vehicle detection, face detection, people/vehicle counting, and perimeter protection, the camera provides advanced video security and analytics.

The IP67 and IK10 protection make it suitable for outdoor installations, while PoE support, ONVIF compatibility, SD card storage up to 1TB, and multiple security protocols ensure flexible and secure deployment.

Interface

6MP Bullet Vari-Focal.

Lens: 2.7 to 13.5mm

IR: 60 Meters

Quad Streams

Conformance

STQC Tested

BIS-ER Certified

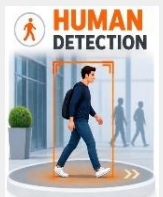
IP67 and IK10

People Counting

Face Capture

Human Detection

Vehicle Detection





Specifications:

Model No.	AMG-UKVFBC-660IP
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	3072(H) x 2048(V) (6MP)
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Time	Auto/Manual (1/30 - 1/10000)
Day & Night	IR cut filter
Lens:	
Lens Type	Motorized Auto-Focus Lens, 2.7 to 13.5mm
Focal Length & FOV	2.7 to 13.5mm FOV 28.56°(H), FOV 16.4°(V), FOV 33.7°(D)
Lens Mount	M16
DORI:	
DORI	2.7mm: D: 50 m, O: 26 m, R: 13 m, I: 7 m 13.5mm: D: 189 m, O: 120 m, R: 68 m, I: 34 m
Illuminator:	
Supplement Light Range	Up to 60 m
IR Wavelength	850 nm
Video:	
Streaming Capability	Quad Streams
Video Compression	H.265/H.264
Video Bit Rate	128Kbps ~ 8192Kbps
Privacy Mask	Up to 4 areas
Bit Rate Control	CBR, VBR
H.264/H.265 Profile	Baseline Profile, Main Profile, High Profile
Video Quality	Ultra, High, Balanced, Standard, Economy
Scalable Video Coding (SVC)	AV1, H.264 and H.265.
Audio:	
Audio Compression	AAC encode/decode (32KHz, 48KHz @192kbps)



	FW Audio Codec ADPCM/G.711/G.726 AEC/ANR and ALC
Audio Bit Rate	64 Kbps
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Noise Filtering	Yes
Network:	
Protocols	TCP/IPv4/IPv6, HTTP, HTTPS, QoS, DHCP, DNS, Email, RTP, RTCP, RTSP/RTSPs, SNMP, NTP, PPPoE, SMTP, NTP, TLS/SSL, SFTP, ICMP, IGMP, ARP, UDP, 802.1x, ONVIF
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T, Profile M), ISAPI, SDK, ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator and user
Smooth Streaming	Yes
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, all data, including sensitive data, is encrypted with AES 256 and RSA 2048
Client	AVMX
Web Browser	Chrome, Mozilla, Firefox
Image:	
Image Parameter Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (HDR)	≥ 140 dB
Signal to Noise Ratio (SNR)	≥ 45 dB
Image Enhancement	BLC, HLC, 3D DNR
Interface:	
Ethernet Interface	1x RJ45 10M/100M/1000M self-adaptive Ethernet port
Onboard Storage	Storage slot up to 1TB SD/SDHC/SDXC memory
Microphone & Speaker	Yes (Built-in)
Alarm In/Out	1 Channel In / 1 Channel Out (Optional)



Event:

Basic Event	Motion detection, Human and Vehicle, Video tampering alarm, Exception
Linkage	Upload to FTP/NAS/Memory card, send email, trigger recording, trigger capture, trigger alarm output, audible warning, notify surveillance center

Analytics

Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)

General:

AI Functions	Face Detection, Human Detection, People Counting, On-Duty Violation, Vehicle Detection, Vehicle Counting, Parking Violation, Line Crossing, Wrong-Side Vehicle Direction, Video Blind
Power	12V DC $\pm$ 25%, 0.5 A, max. 6 W, PoE: IEEE 802.3af/at, Class 3, max. 12W
Material	Metal
Storage Conditions	-30°C to +75°C
Startup and Operating Conditions	-20°C to +65°C
Humidity	0 to 95% RH non-condensing
General Function	Anti-banding, mirror, privacy mask, flash log, password reset via email, pixel counter
Protection	IP67 and IK10 Except Front Glass
Certification	STQC Approved and BIS-ER Certified ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 27001:2022, CE, FCC, RoHS



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