



8MP Box Long Range Camera: AMG-UKHBC-6000-IP



LENS OPTIONS

Option (A) 3.6 - 11mm

Option (B) 2.7 - 13.5mm

Option (C) 5 - 50mm



8MP
RESOLUTION
3840 × 2160



DAY & NIGHT
IR Cut Filter



HDR
≥ 140 dB



IR
UP TO 100m



IP67
WEATHERPROOF



IK10
VANDAL PROOF
(Except Front Glass)



INTELLIGENT ANALYTICS
Human, Vehicle, Face & More



BUILT-IN HEATER & BLOWER
Reliable operation in extreme conditions



SD CARD SUPPORT
Up to 1TB



PoE SUPPORT
IEEE 802.3af/at

The **AMG-UKHBC-6000-IP** is an **Essential Series** 8MP IP Box camera is to deliver clear, detailed images with flexible viewing angles. It supports multiple lens options to meet different monitoring requirements: 3.6–11mm, 2.7–13.5mm, or 5–50mm. All these options are available with an external housing equipped with a heater and blower, making it suitable for demanding outdoor and variable-weather environments.

The IP67 and IK10-rated housing provides excellent protection against dust, water, and physical impact, making the camera well suited for outdoor environments. PoE connectivity, ONVIF compatibility, up to 1TB SD card storage, and multiple security protocols ensure easy integration, reliable data storage, and secure deployment across a wide range of surveillance applications.

Interface

8MP Box Vari-Focal.

Lens: Option (A): 3.6-11mm

Option (B): 2.7-13.5mm

Option (C): 5-50mm

Quad Streams

Conformance

STQC Tested

BIS-ER Certified

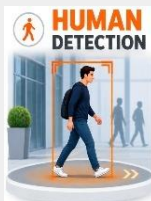
IP67 and IK10 Housing

People Counting

Face Capture

Human Detection

Vehicle Detection





Specifications:

Model No.	AMG-UKHBC-6000-IP
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	3840(H) x 2160 (V) (8MP)
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, 3 Lens Options (A): 3.6-11mm (B): 2.7-13.5mm (C): 5-50mm
Lens Mount	CS Mount Len
Illuminator:	
Supplement Light Range	Up to 100 m with 5-50mm Lens
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
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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

Other Accessories:



Housing-AMGBHC



AMGLVF0550



AMGLVF27135



ACE-01-Ceiling Mount Bracket



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