



6MP Speed Dome Camera: AMG-UKSDC-6345-IP



The AMG-UKSDC-6345-IP is an Essential Series 6MP Speed Dome camera designed to provide high-quality and intelligent surveillance applications. With 45× optical zoom and 16× digital zoom provides additional magnification when required.

A key functionality of the camera is its intelligent Auto Tracking capability, which enables the camera to automatically follow moving subjects such as people and vehicles within the monitored area. The camera is also equipped with 500m IR night vision, Its Day & Night functionality with IR cut filter further supports reliable imaging under changing lighting conditions.

Featuring IP67 weatherproof protection for resistance against dust and water ingress and IK10 vandal resistance for enhanced protection against physical impact. The camera supports SD card storage up to 1TB, allowing edge recording.



6MP
RESOLUTION
3072 × 2048



OPTICAL ZOOM
45x



DIGITAL ZOOM
16x



AUTO TRACKING
Smart Tracking
for Moving Objects



500m
IR NIGHT VISION
Long Range IR



DAY & NIGHT
IR Cut Filter



IP67
WEATHERPROOF
Reliable in
Harsh Environments



IK10
VANDAL PROOF
(Except Front Glass)



BUILT-IN MICROPHONE
Audio Surveillance



SD CARD SUPPORT
Up to 1TB



PoE SUPPORT
IEEE 802.3af/at

Interface

6MP Speed Dome.

Lens: 4.2mm~190mm

IR: 500 Meters

Quad Streams

Conformance

STQC Tested

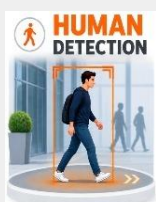
BIS-ER Certified

IP67 and IK10

Auto Tracking

Human Detection

Vehicle Detection





Specifications:

Model No.	AMG-UKSDC-6345-IP
Image Sensor	1/2.7" 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 (1/3 - 1/100000)
Day & Night	IR cut filter with Auto Switch
Optical Zoom	45x
Digital Zoom	16x

Lens:

Lens Type	Motorized Auto-Focus Lens
Focal Length	4.2mm~190mm
Field of View	Wide 72°(H) X 21°(V)
Iris Type	Auto

Illuminator:

Supplement Light Range	Up to 500m
IR Wavelength	850 nm

Video:

Streaming Capability	Quad Streams @30FPS
Video Compression	H.265/H.264
Video Bit Rate	128Kbps ~ 8192Kbps
Privacy Mask	Up to 32 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)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Audio:

Audio Compression	FW Audio CODEC AAC encode/decode (32KHz, 48KHz @192kbps)
-------------------	---



	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)
PAN & TILT	



Pan Range	360°
Tilting Range	-20° to 105°
Preset Speed	4/s to 400°/s
Pan Speed	Manual speed: 1° to 240°/s
Tilt Speed	Manual speed: 1° to 200°/s
Presets	300
Event:	
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning
Smart Event	Video Masking Detection
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
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
Certification	STQC Tested and BIS-ER Certified ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 27001:2022, CE, FCC, RoHS



*Technical alterations reserved.