AMG-IP Speed Dome   5 Megapixel

H.265/H.264 All-in-One Motorized P-Iris Lens True Day/Night Indoor/Outdoor IP Camera with Smart Noise Adaptation and Processing), WDR™ (Wide Dynamic Range).

Series Features

- Advanced Video Analytics
- 5 Mega pixels
- 4.3–170 mm Integrated Lens
- True Day/Night Functionality with Mechanical IR Cut Filter
- Super WDR up to 140dB at Full Resolution.
- On-Screen Display (OSD)
- Defog Technology
- All-in-One H.265/H.264 PoE Solution
- Smart IR Illumination with 200m
- Audio In / Out
- 512GB MicroSD Card Slot for Onboard Storage
- Outdoor Rated IP67 and IK-10

Integrated Motorized   **P-Iris Control**   **Night View**

Enhanced WDR   **SDXC Card Slot**   **Resistant IK-10 and IP67 Rated**

Approvals

CE FC (UL)

Technical Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Effective Pixels	2,620 x 1,920
Min. Illumination	0.002 Lux @ F1.2 0 lux with IR
Shutter Speed	1/3s to 1/100,000 s
S/N Ratio	≥50dB
Preset positions	256
Panning range	360° endless
Tilting range	-20° to +95°
Panning/Tilting speed0	1°/s to 120°/s
Pan/Tilt speed	260°/s
Lens	
Focal Length	4.3–170mm, Auto focus
Optical Zoom	40X
Field of View	Wide: 55° (H) x 38° (V)
Digital Zoom	16X
Video	
Video Compression	H.265 / H.264 / MJPEG
Resolution	5MP (2,620 x 1,920),1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240
Max. Frame Rate	30fps @ 5MP on First Stream; 25fps @ 4MP on Second Stream; 25fps @ 720p Third Stream (PAL/NTSC)
Bit Rate	16 Kbps - 10 Mbps
Multiple Streaming	Triple streams
Image Setting	Time stamp, text overlay, flip & mirror, ROI, Saturation, Brightness, Chroma, Contrast, Sharpness, auto white balance (2000 to 10000K), Video rotation, Scheduled Profile Setting User configuration, AGC (Auto Gain Control) etc.
Audio	
Audio Communication	Two-way
Audio Compression Format	G711ulaw / G711alaw/G.711a/ G.711u/ PCM
Operational	
Day & Night	IR cut filter with auto switch
Flip Mode	FLIP-H (180°), FLIP-V(180°) with Auto Mode on/off
Wide Dynamic Range	Super WDR, 140dB
IR Distance	Up to 200m
Temporary memory	8 Second Event memory
Image Features	Defog, BLC (Back Light Compensation), HLC (Highlight Compensation), Switch off/on 2D/3D DNR
Video Privacy	24 Zones

Video Analytics	Perimeter Protection Line crossing, region Entering/Exiting/Target Counting Line crossing human/Object Counting, Stopped Vehicle, Auto-tracking, Scene change, video blur and video color cast detection, electronic image stabilization, Face Detection/Face detection and face capture
Alarm Triggers	Motion detection, Intelligent video analytics, Network disconnect, video tampering, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output, Abandoned Object
Edge Storage	Built-in Micro SD/ SDHC / SDXC slot Class 10, up to 512GB
Storage Management	SD Card Format, import, export, overwrite, NAS integration, FTP/SMTP remote archive Management.
Backfilling	Supported
Network	
Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, SMTP, FTP, SNMP, UPnP, Unicast, Multicast, ICMP, HTTP, HTTPS, DNS, DDNS, RTP, RTCP, IGMP, 802.1X, QoS, IPv4, IPv6, Bonjour, ARP
Cyber Security	HTTPS / IP Filter / IEEE 802.1X / Blacklist & whitelist / account security /User Authentication, Water Marking/ telnet access control / serial Password
Online Connection	Support simultaneous up to 10 users; Support multi-stream real time transmission
ONVIF	ONVIF Profile (S, G & T, M)
Interface	
Network	1 RJ45 10/100
Audio	Line IN × 1, Line OUT × 1; Option to connect External Microphone and Speaker
Alarm and relay	2 alarm IN /1 relay Out
Onboard Storage	512GB
Environmental	
Input Voltage	Dual Power Standard 12VDC, AC24V/3A, PoE+ (802.3af), max. 24 W
Operating Humidity	90% (non-condensing)
Ingress Protection/ Vandal Resistance	IP67 and IK10
Operating Temperature	- 30 °C to 65 °C
General	
Power Supply	DC12V / PoE+
Power Consumption	< 24W IR ON.
Dimensions (mm)	203.7× 356
Material	Aluminum
Weight	≈ 5.41kg
Warranty	3 years
Certification	
Certificates	Rohs, FCC, CE, BIS, UL, EN
Mode No.	UKSDC-5240-IP