



AMG-IP Dome

8 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
- 4K
- 2.7–13.5mm Integrated Lens
- True Day/Night Functionality with Mechanical IR Cut Filter
- WDR up to 120dB at Full Resolution.
- On-Screen Display (OSD)
- Defog Technology
- All-in-One H.265/H.264 PoE Solution
- Smart IR Illumination with (50m)
- Audio In / Out
- 512GB MicroSD Card Slot for Onboard Storage
- Outdoor Rated IP67 and IK-10



Approvals



Technical Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	3840x2160
Min. Illumination	0.0005 Lux @ F1.2, AGC ON. 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
S/N Ratio	≥52 dB
Lens	
Focal Length	2.7 – 13.5 mm, motorized varifocal zoom lens, auto focus
Iris Type	P-Iris
Field of View	103° / 70.5°
Lens Mount	Ø 14
Video	
Video Compression	H.265 / H.264 / MJPEG
H.264 Compression Standard	Base Line / Main Profile / High Profile
H.265 Compression Standard	Main Profile @ Level 4.1 High Tier
Resolution	3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720
Max. Frame Rate	30fps @ all resolution
Video Bit Rate	64 Kbps - 6 Mbps
Multiple Streaming	Quad streams
Image Setting	time stamp, text overlay, flip & mirror, ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, white balance, video rotation, Scheduled profile settings, AGC etc.
Audio	
Audio Communication	Bi-directional audio (2-way)
Audio Compression Format	G711ulaw / G711alaw
Audio Bit Rate	128kbps
Operational	
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	WDR, 120dB
IR Distance	Up to 50m
Digital Zoom	Yes
Image Features	Defog, BLC, HLC, 2D/3D DNR
Video Privacy	Up to 18 areas

Video Analytics	Perimeter Protection Line crossing, region Entering/Exiting/Target Counting Line crossing human/Object Counting, Stopped Vehicle/Exception Detection Scene change, video blur and video color cast detection, Edge analytics/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 card slot, up to 512GB
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 / telnet access control / serial password
Online Connection	Support simultaneous up to 20 users; Support multi-stream real time transmission
API	ONVIF Profile (S, G, M & T)
Interface	
Network	1 RJ45 10M/100M self-adaptive ethernet port
Audio	Line IN × 1, Line OUT × 1
Video Output	CVBS video output (BNC × 1)
Alarm	Alarm IN x 1, Alarm OUT x 1
Environmental	
Input Voltage	12 VDC, 0.6 A, max. 7.5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 9.5 W
Operating Temperature	- 30 °C to 60 °C
Operating Humidity	95% or less (non-condensing)
Ingress Protection/ Vandal Resistance	IP67 and IK10
General	
Power Supply	DC12V / PoE
Power Consumption	< 12W
Dimensions (mm)	278.7× 95.9× 94.4
Material	Metals
Weight	≈ 1.25kg
Warranty	3 years
Certification	
Certificates	Rohs, FCC, CE, BIS, UL, EN
Mode No.	UKVFDC-850IP