

AMG-IP Dome

5 Megapixel

H.265/H.264 All-in-One Motorized DC-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 Megapixel
- 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
- 1 TB MicroSD Card Slot for Onboard Storage
- Outdoor Rated IP67, IK-10 and NEMA 4X



Integrated Motorized



Night View



Enhanced WDR



SDXC Card Slot

Approvals



Technical Specifications

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	2592x1944
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	DC-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	2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576
Max. Frame Rate	30fps @ all resolution
Video Bit Rate	64 Kbps - 6 Mbps
Multiple Streaming	Quad streams @5MP
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	G.711/ G.726 / 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 28 areas

Video Edge Analytics	Perimeter Protection Line crossing, region Entering/Exiting/Target Counting Line crossing human/Object(Human and Vehicle) Counting, Stopped Vehicle/Exception Detection Scene change, video blur and video color cast detection, 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 1 TB
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, LLDP, 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), HAPI3, iAPI3
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 PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 9 W
Operating Temperature	- 30 °C to 60 °C
Operating Humidity	95% or less (non-condensing)
Ingress Protection/ Vandal Resistance	IP67, IK10 and NEMA 4X
General	
Power Supply	DC12V / PoE
Power Consumption	< 9W
Dimensions (mm)	278.7 × 95.9 × 94.4
Material	Metals(Aluminum)
Weight	≈ 1.15kg
Warranty	3 years
Certification	
Certificates	Rohs, FCC, CE, BIS, UL, EN
Mode No.	UKVFDC-550IP