AMG-IP Dome

4 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), True WDR™ (Wide Dynamic Range).

Series Features

- Advanced Video Analytics
- 4 Megapixel
- 2.8/3.6mm Integrated Lens
- True Day/Night Functionality with Mechanical IR Cut Filter
- True 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 (30m)
- Audio In / Out
- 512GB MicroSD Card Slot for Onboard Storage
- Outdoor Rated IP67 and IK-10

Resistant IK-10 and IP67 Rated   **P-Iris Control**   **Night View**

Enhanced TWDR   **SDXC Card Slot**

Approvals

CE   FC   UL

Technical Specifications

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Effective Pixels	2688 x 1520
Min. Illumination	0.005 Lux @ F1.2, AGC ON. 0 lux with IR
Shutter Speed	1/3s to 1/100,000s
S/N Ratio	≥52 dB
Lens	
Focal Length	2.8/3.6 mm, lens.
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 @ Leve4.1 High Tier
Resolution	2688 x 1520,2048x1536,1920x1080,1280x960, 1280x720, 704x576
Max. Frame Rate	30fps @ 4MP on First Stream; 25fps @ 720p on Second Stream; 25fps @ D1 Third Stream (PAL/NTSC)
Video Bit Rate	64 Kbps - 6 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	Bi-directional audio (2-way)
Audio Compression Format	G711ulaw / G711alaw/G.711a/ G.711u/ PCM
Audio Bit Rate	128kbps
Operational	
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	True WDR, 120dB
IR Distance	Up to 30m
Digital Zoom	Yes
Image Features	Defog, BLC (Back Light Compensation), HLC (Highlight Compensation), Switch off/on 2D/3D DNR
Video Privacy	Up to 12 areas

Video Analytics	Perimeter Protection, Line crossing, Entering/Exiting/Target Counting, Intrusion Detection/Virtual fencing, human/object counting, Stopped Vehicle, 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, Camera 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
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 PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A.
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	< 7.5W
Dimensions (mm)	134 x122mm
Material	Aluminum
Weight	≈ 1.25kg
Warranty	2 years

Certification

Certificates	Rohs, FCC, CE, BIS, UL, EN
Mode No.	UKFLDC-430IP