



AMG-IP Dome

2 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
- 2 Megapixel
- 2.8mm 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 (30m)
- Audio In / Out
- Built-in Microphone Option
- 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

Approvals



Technical Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	1920 × 1080
Illumination	0.0005 Lux @ F1.1 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
S/N Ratio	≥51 dB
Lens	
Focal Length	2.8mm, lens, auto focus
Iris Type	P-Iris
Field of View	93° / 65.5°
Lens Mount	Ø 11
Video	
Video Compression	H.265 / H.264 / MJPEG
Resolution	1080P (1920 x 1080), 720P (1280 x 720), D1, CIF, 480 x 240
Max. Frame Rate	30fps @ all resolution
Video Bit Rate	64 Kbps - 6 Mbps
Multiple Streaming	Quad streams
Image Setting	text overlay, flip & mirror, ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, white balance, Scheduled profile settings etc
Audio	
Audio Communication	Bi-directional audio (2-way)
Audio Compression Format	G711ulaw / G711alaw
Operational	
Day & Night	IR cut filter with auto switch
Wide Dynamic Range	Super WDR, 140 dB
IR Distance	Up to 30m
Digital Zoom	Yes
Image Features	Defog, BLC, HLC, 2D/3D DNR
Video Privacy	Up to 06 areas

Video Analytics	Perimeter Protection Line crossing, region Entering/Exiting/Target Counting Line crossing human/Object Counting, Stopped Vehicle/ Exception Detection Scene change, videoblur and video color cast detection, Edgeanalytics/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)
Onboard Storage	Built-in 512GB micro-SD/SDHC/SDXC slot
Alarm	Alarm IN x 1, Alarm OUT x 1
Environmental	
Input Voltage	PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 9.5 W
Operating Temperature	- 40 °C to 70 °C
Operating Humidity	94% or less (non-condensing)
Ingress Protection/ Vandal Resistance	IP67 and IK10
General	
Power Supply	DC12V / PoE
Power Consumption	< 9W
Dimensions (mm)	272.7× 90× 92.2
Material	Metals
Weight	≈ 1.01kg
Warranty	3 years
Certification	
Certificates	Rohs, FCC, CE, BIS, UL, EN
Mode No.	UKFLDC-230IP