

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Motorized Dome Network Camera



Feature

Model：GK8175C-FPD

Feature

- NDAA Compliance
- 8MP
- AI Deep Learning
- 0.012Lux Ultra Low-light
- Smart IR II with 50m IR Distance
- Motorized Zoom Lens
- IP67 & IK10
- Versatile Interfaces (Optional)



Specification

Products Specification

Model	GK8175C-FPD
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color：0.012Lux @F1.4 ｜ B/W：0Lux with IR on
WDR	120dB Super WDR
Shutter Time	1~1/100,000s
Day/Night Mode	Day ｜ Night ｜ Auto ｜ Customize ｜ Schedule
IR Distance	>50M
S/N	>55dB
Lens	2.7~13.5mm @F1.4
Field of View	H110°~H29° ｜ D129°~D33° ｜ V59°~V16°
Mount	M14
Focus Control	Auto ｜ Manual
Resolution	3840(H) x 2160(V)
Primary Stream	60Hz：30fps@(3840x2160 ｜ 3072x2048 ｜ 2592x1944 ｜ 2592x1520 ｜ 2048x1536 ｜ 1920x1080 ｜ 1280x960 ｜ 1280x720 ｜ 704x576) 50Hz：25fps@(3840x2160 ｜ 3072x2048 ｜ 2592x1944 ｜ 2592x1520 ｜ 2048x1536 ｜ 1920x1080 ｜ 1280x960 ｜ 1280x720 ｜ 704x576)
Secondary Stream	60Hz：30fps@(704x576 ｜ 640x480 ｜ 640x360 ｜ 352x288 ｜ 320x240 ｜ 320x192) 50Hz：25fps@(704x576 ｜ 640x480 ｜ 640x360 ｜ 352x288 ｜ 320x240 ｜ 320x192)
Tertiary Stream	60Hz：30fps@(1280x720 ｜ 704x576 ｜ 640x480 ｜ 640x360 ｜ 352x288 ｜ 320x240 ｜ 320x192) 50Hz：25fps@(1280x720 ｜ 704x576 ｜ 640x480 ｜ 640x360 ｜ 352x288 ｜ 320x240 ｜ 320x192)
Video Compression	H.265+ ｜ H.265(HEVC) ｜ H.264+ ｜ H.264 ｜ MJPEG
Video Bit Rate	16Kbps~16Mbps (CBR/VBR adjustable)
Privacy Masking	Up to 4 Areas
ROI	Up to 8 areas
Image Settings	Saturation ｜ Brightness ｜ Contrast ｜ Sharpness
Image Enhancement	BLC ｜ HLC ｜ 2D DNR ｜ 3D DNR ｜ Defog ｜ AWB ｜ IP Address Filtering ｜ AGC ｜ Anti-flicker ｜ Corridor Mode ｜ Deblur

Ethernet	1xRJ45 10M/100M Ethernet Port
Audio Interface	Built-in Microphone
Audio I/O (Multi-interface Version)	1CH | 1CH
Alarm I/O (Multi-interface Version)	1CH | 1CH
Network Storage	NAS (Support NFS /SMB /CIFS) | ANR
Network Protocols	Pv4/IPv6 | ARP | TCP | UDP | RTCP | RTP | RTSP | RTMP | HTTPS | DNS | DDNS | DHCP | FTP | NTP | SMTP | UPnP | Bonjour | SIP | SNMP | PPPoE | VLAN | 802.1x | QoS | IGMP | ICMP | SSL | TLS1.2
Video Analysis	Region Entrance | Region Exiting | Advanced Motion Detection | Tamper Detection | Line Crossing | Loitering, Object Left | Object Removed
People Counting & Report	Count the number of people entering or exiting
Event Trigger	Motion Detection | Audio Alarm, etc. | Motion Detection | External Input | External Output | Audio Alarm (Optional, Only for Multi-interface Version), etc.
Exception	Network Disconnection | IP Address Filtering | Record Failed | SD Card Full | SD Card Uninitialized | SD Card Error | No SD Card
Event Action	FTP Upload Record | SMTP Upload Record | SD Card Record | Snapshot | SIP Phone | Play Audo | HTTP Notification, etc. | External Output (Multi-interface Version)
Audio Compression	G.711 | AAC | G.722 | G.726
Audio Sampling Rate	8 /16 /32 /44.1 /48KHz
Audio Bit Rate	16~256kbps
Storage	Support microSD/SDHC/SDXC Card Local Storage | up to 1TB
SIP/VoIP	Yes | Voice & Video-over-IP
System Compatibility	ONVIF Profile G & S & T | API
Working Temperature	-40ºC~60ºC
Working Humidity	0~90%(Non-condensing)
Power Supply	PoE (802.3af) | PoE (802.3af) / DC 12V±10% (Multi-interface Version)
Power Consumption	7.4W MAX | 8.4W MAX (With IR on)

Weather Proof	Up to IP67-rated for Weather-resistant Performance
Housing	Vandal-proof IK10-rated metal housing
Weight	780g
Dimensions	⌀130 x 115 mm
Certification	CE | FCC | IP67 | IK10 | NDAA

Information correct as of print.
Slight specification variations may occur due to product enhancement to optimize functionality

Accessories

Product Accessories



A01 V3 Pole Mount

Weight: 625g
Dimension: 140*136*46mm
Installation Environment: For strapping cameras on poles between ϕ105-127mm(4.1-5 inches) in diameter



A03 External Corner Bracket

Weight: 900g
Dimension: 180*152.5*76mm
Installation Environment: For mounting cameras on an external corner



A42-L Extension Lever

Weight: 330g
Dimension: Φ 47.5*255mm
Installation Environment: Used as extensions for pendant mount



A71 Wall Mount

Weight: 530g
Dimension: 162*124*78mm
Installation Environment: Used to install cameras on an wall or vertical structure



A76 V2 Pendant Mount

Weight: 620g
Dimension: Φ 145*L (L is default as 290mm, also can be extended with A42-L)
Installation Environment: Used to install cameras on a ceiling or horizontal structure



A83 V2 Junction Box

Weight: 640g
Dimension: Φ145*177.7*58mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering

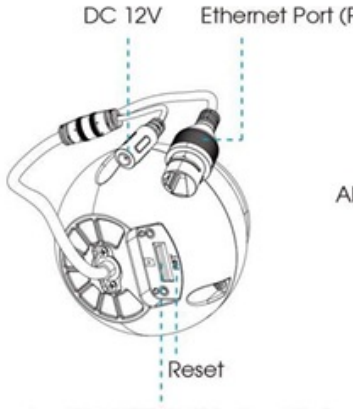


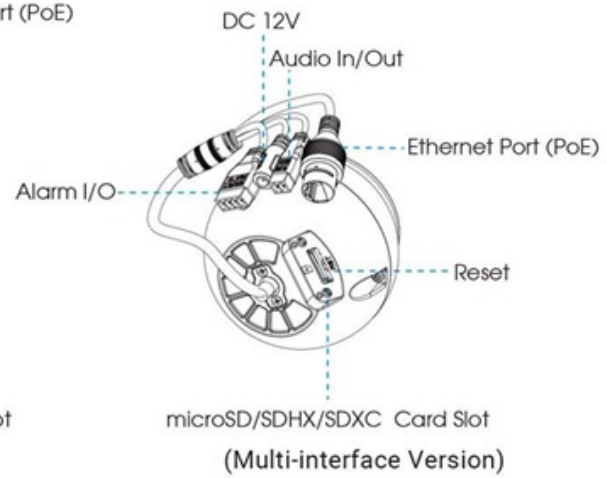
A84 Junction Box

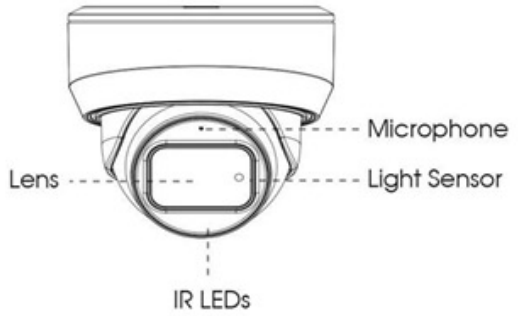
Weight: 360g
Dimension: Φ137*47.6mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and delete tampering

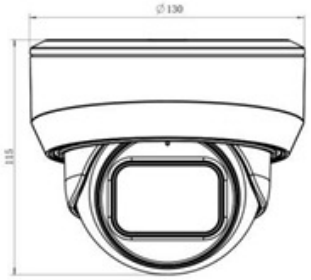
Dimension



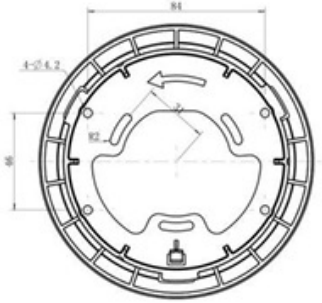












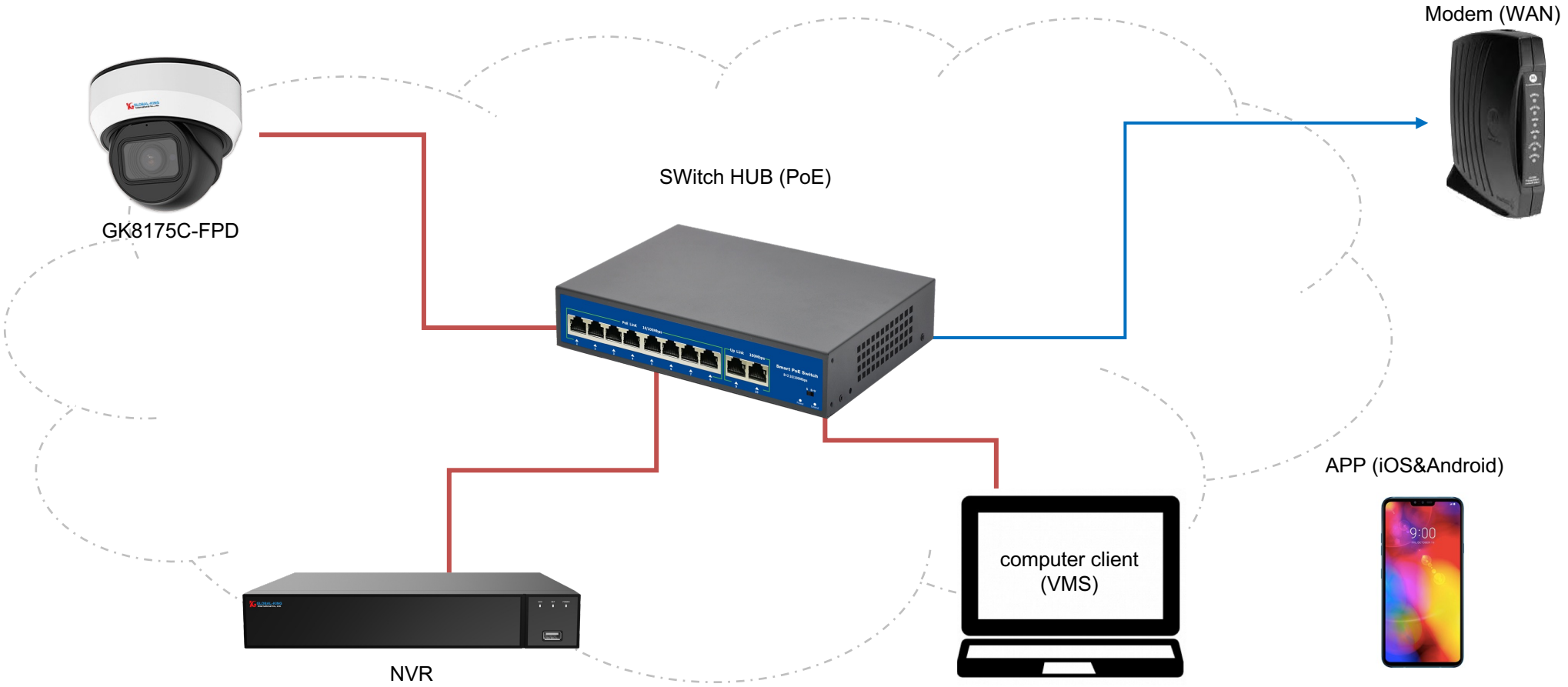
AI Motorized Dome Network Camera | Dimensions

Architecture diagram

AI Motorized Dome Network Camera | Infrastructure

- IP Camera (GK8175C-FPD)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI Motorized Dome Network Camera | Infrastructure



ThankYou

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