

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Vandal-proof Mini Dome Network Camera



Feature

Model：GK8173C-PD

Feature

- NDAA Compliance
- 8MP@30fps
- AI Deep Learning
- 0.012Lux Ultra Low-light
- Smart IR II with 30m IR Distance
- Reliable Anti-vibration Performance
- IP67 & IK10
- Versatile Interfaces (Optional)



Specification

Products Specification

Model	GK8173C-PD
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color：0.012Lux @F1.6｜ B/W：0Lux with IR on
WDR	120dB Super WDR
Lens	Standard: 4.0mm | Optional: 2.8mm / 6.0mm
Mount	M12
Field of View	H110˚/D126˚/V60˚ (2.8mm)｜H91˚/D106˚/V50˚ (4.0mm)｜H55˚/D63˚/V32˚ (6.0mm)
Shutter Time	1~1/100,000s
Day/Night Mode	Day｜Night｜Auto｜Customize｜Schedule
IR Distance	Up to 30m
S/N	>55dB
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) 50Hz：25fps@(704x576｜640x480｜640x360｜352x288)
Tertiary Stream	60Hz：30fps@(1280x720｜704x576｜640x480｜640x360｜352x288) 50Hz：25fps@(1280x720｜704x576｜640x480｜640x360｜352x288)
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	Image Enhancement
Ethernet	1xRJ45 10M/100M Ethernet Port

Audio Interface	Built-in Microphone
Audio I/O (Optional)	1CH | 1CH (Multi-interface Version)
Alarm I/O (Optional)	1CH | 1CH (Multi-interface Version)
Network Storage	NAS (Support NFS /SMB /CIFS) | ANR
Network Protocols	IPv4/IPv6 | ARP | TCP | UDP | RTCP | RTP | RTSP | RTMP | HTTP | HTTPS | DNS | DDNS | DHCP | FTP | NTP | SMTP | UPnP | Bonjour | SIP | SNMP | PPPoE | VLAN | 802.1x | QoS | IGMP | ICMP | SSL | TLS1.2
Audio Compression	G.711 | AAC | G.722 | G.726
Audio Sampling Rate	8 /16 /32 /44.1 /48KHz
Audio Bit Rate	16~256kbps
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
Basic Event	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)
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	4.4W MAX | 6.1W MAX (With IR on)

Weather Proof	Up to IP67-rated for Weather-resistant Performance
Housing	Vandal-proof IK10-rated metal housing
Dimensions	118.5 x 110.8 x 65 mm
Weight	Approx. 500g
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



A71 Wall Mount

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



A73 Adapter Plate

Weight: 28g
Dimension: 115*122.5*10mm
Installation Environment: For the installation that cable need to be routed through the side outlet

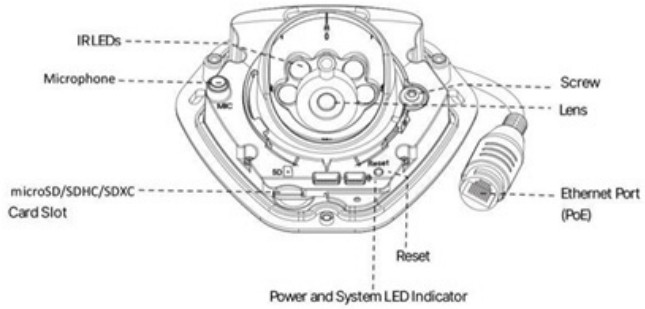


A74 Junction Box

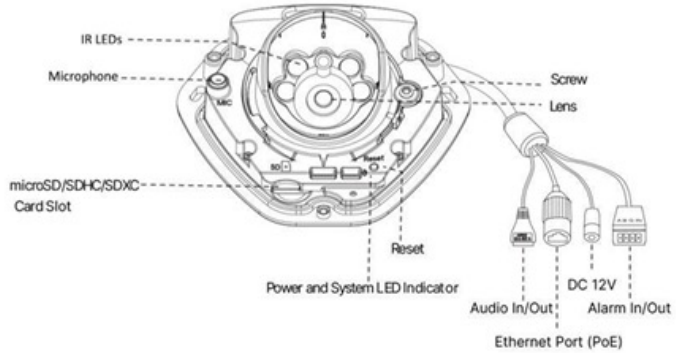
Weight: 60g
Dimension: 121.5*116.5*37.2mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering

Dimension

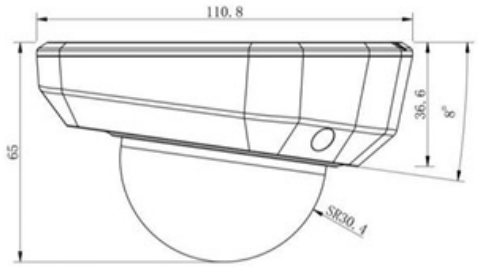


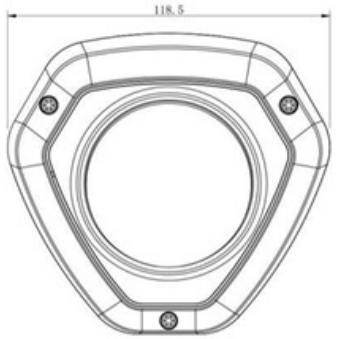


(Default Version)



(Multi-interface Version)





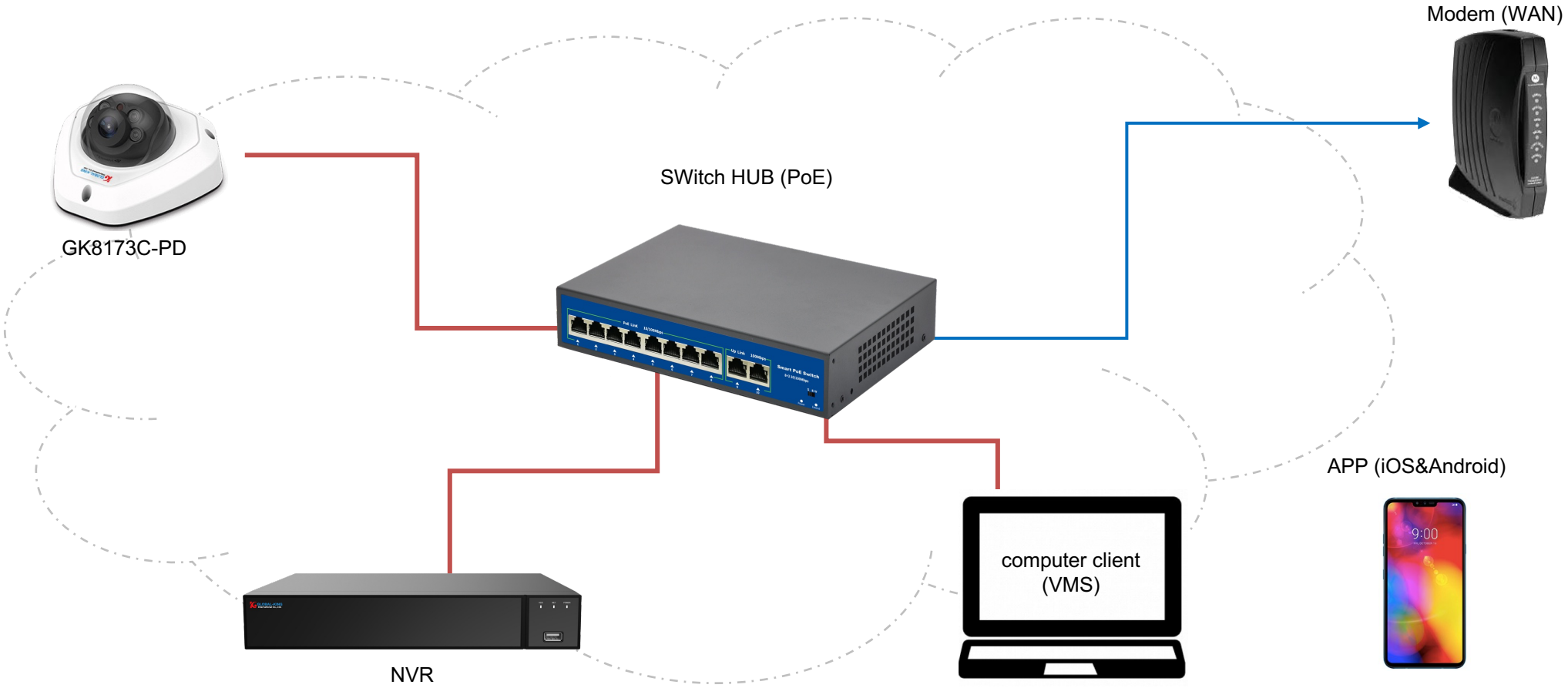
AI Vandal-proof Mini Dome Network Camera | Dimensions

Architecture diagram

AI Vandal-proof Mini Dome Network Camera | Infrastructure

- IP Camera (GK8173C-PD)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI Vandal-proof Mini Dome Network Camera | Infrastructure



ThankYou

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