

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Weather-proof Mini Bullet Network Camera



Feature

Model：GK8163C-PE

Feature

- NDAA Compliance
- 8MP
- AI Deep Learning
- 0.012Lux Ultra Low-light
- Smart IR II with 50m IR Distance
- 30fps High Frame Rate
- IP67
- Versatile Interfaces (Optional)



Specification

Products Specification

Model	GK8163C-PE
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 4.0 mm | Optional 2.8 mm / 6.0 mm
Mount	M12
Field of View	H91°/D106°/V50° (4.0mm) | H110°/D126°/V60° (2.8mm) | H55°/D63°/V32° (6.0mm)
Shutter Time	1~1/100,000s
DORI Distance	D：90m | O：36m | R：17m | I：7.5m (2.8mm) D：85m | O：49.5m | R：24m | I：11m (4.0mm) D：177m | O：72.5m | R：35m | I：17m (6.0mm)
IR Distance	Up to 50m
Day/Night Mode	Day | Night | Auto | Customize | Schedule
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：60fps@(704x576 | 640x480 | 640x360 | 352x288 | 320x240) 50Hz：50fps@(704x576 | 640x480 | 640x360 | 352x288 | 320x240)
Tertiary Stream	60Hz：30fps@(1920x1080 | 1280x720 | 704x576 | 640x480 | 640x360 | 320x240) 50Hz：25fps@(1920x1080 | 1280x720 | 704x576 | 640x480 | 640x360 | 320x240)
Video Compression	H.265+ | H.265(HEVC) | H.264+ | H.264 | MJPEG
Video Bit Rate	16Kbps~16Mbps (CBR/VBR adjustable)
Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)
ROI	Up to 8 areas

Image Settings	Brightness | Contrast | Saturation | Sharpness
Image Enhancement	BLC | HLC | 2D DNR | 3D DNR | AGC | Defog | AWB | Deblur | Anti-flicker | Corridor Mode | LDC
Ethernet	1xRJ45 10M/100M Ethernet Port
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 | SNMP | UPnP | Bonjour | LLDP | SIP | VPN | 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	VCA 2.0：Intrusion Detection | Region Entrance | Region Exiting | Advanced Motion Detection | Line Crossing | Loitering | Object Left | Object Removed
Face Detection & Face Attribute Recognition	Detect and capture faces, get real-time snapshots | The attributes include Age, Gender, Glasses, Mask and Cap | Support Faces Privacy Mode, the detected faces in the face detection area will be mosaic automatically.
Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle | Support regional people counting for up to 4 detection areas
Heat Map	The built-in statistical behavior analysis enables you to identify the busiest areas within the environment
Basic Event	Motion Detection | Tamper Detection, etc. | Motion Detection | Tamper Detection | External Input | External Output | Audio Alarm, etc. (Multi-interface Version)
Exception	Network Disconnection | IP Address Filtering | Record Failed | SD Card Full | SD Card Uninitialized | SD Card Error | No SD Card | Watermark
Event Action	FTP Upload Record | SMTP Upload Record | SD Card Record | Snapshot | SIP Phone | HTTP Notification, etc. | FTP Upload Record | SMTP Upload Record | SD Card Record | Snapshot | External Output | Play Audio | SIP Phone | HTTP Notification, etc. (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 & M & S & T｜API
Working Temperature	-40ºC~60ºC
Working Humidity	0~95% (Non-condensing)
Power Supply	PoE (802.3af)｜PoE (802.3af) / DC 12V±10% (Multi-interface Version)
Power Consumption	Min.：3.7W (DC 12V)｜4.7W (PoE) Max.：8.3W (DC 12V)｜10.2W (PoE)
Dimensions	⌀76 x 214.5 mm
Weight	Approx. 750g
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

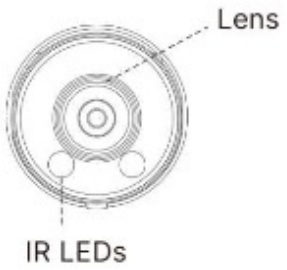


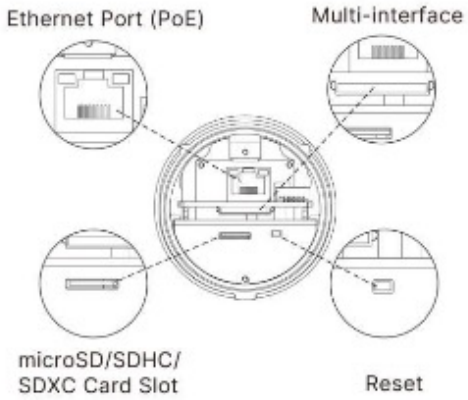
A63 Junction Box

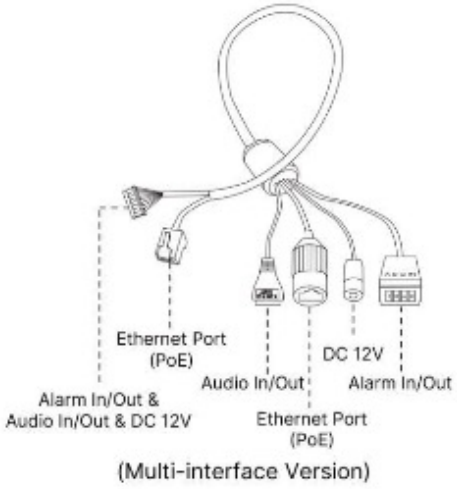
Weight: 620g
Dimension: 134*126*40mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering

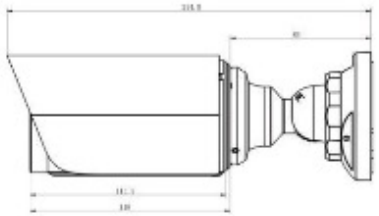
Dimension















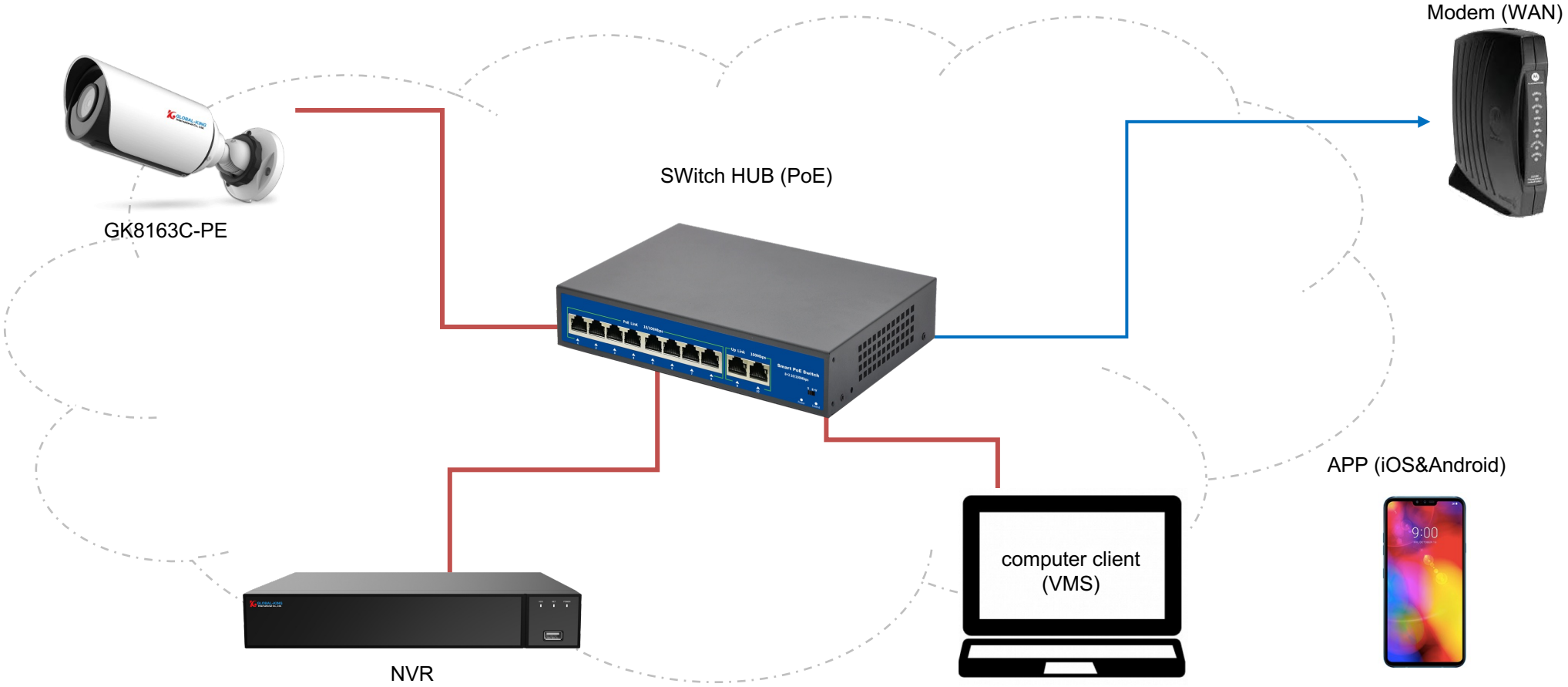
AI Weather-proof Mini Bullet Network Camera | Dimensions

Architecture diagram

AI Weather-proof Mini Bullet Network Camera | Infrastructure

- IP Camera (GK8163C-PE)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI Weather-proof Mini Bullet Network Camera | Infrastructure



ThankYou

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