

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Motorized Pro Bullet Network Camera



Feature

Model：GK8162C-RFIPG1

Feature

- NDAA Compliance
- AI Empowered VCA
- 60m IR Distance
- 120dB Super WDR
- 0.006Lux Low-light
- 60fps High Frame Rate
- PTFE Membrane
- Audio I/O ｜ Alarm I/O ｜ PoE｜DC 12V



Specification

Products Specification

Model	GK8162C-RFIPG1
Image Sensor	1/2.8″ Progressive Scan CMOS
Min. Illumination	Color：0.006Lux @F1.2｜ B/W：0Lux with IR on
WDR	120dB Super WDR
Shutter Time	1~1/100,000s
Day/Night Mode	Day｜Night｜Auto｜Customize｜Schedule
DORI Distance	D：93.9m ~ 304m｜O：37m ~ 120｜R：18.5m ~ 59.8m｜I：9.3m ~ 29.9m
S/N	>55dB
Illuminator Number	4
IR Wave Length	850nm
Illumination Distance	Up to 60m
Illuminator On/Off Control	Auto｜Manual
Lens	2.7~13.5mm@F1.2
Field of View	H100.2˚ ~ H27˚｜D117.9˚ ~ D31.1˚｜V51.9˚ ~ V15.1˚
Close Focus Distance	W：1m｜T：1m
Camera Angle Adjustment	Pan：0˚ ~ 360˚｜Tilt：0˚ ~ 90˚｜Rotation：0˚ ~ 360˚
Focus Control	Auto｜Manual
Aperture	Max. F1.2
Iris Type	P-Iris
Iris Control	Auto｜Manual
Resolution	3840(H) x 2160(V)
Primary Stream	60Hz：60fps@(3840x2160｜3072x2048｜2592x1944｜2592x1520｜2048x1536｜1920x1080｜1280x960｜1280x720) 50Hz：50fps@(3840x2160｜3072x2048｜2592x1944｜2592x1520｜2048x1536｜1920x1080｜1280x960｜1280x720)

Secondary Stream	60Hz：60fps@(704x576 | 640x480 | 640x360) 50Hz：50fps@(704x576 | 640x480 | 640x360)
Tertiary Stream	60Hz：30fps@(1920x1080 | 1280x720 | 704x576 | 640x480 | 640x360) 50Hz：25fps@(1920x1080 | 1280x720 | 704x576 | 640x480 | 640x360)
Quaternary Stream	60Hz：10fps@(1280x720) | 30fps@(704x576 | 640x480 | 640x360) 50Hz：10fps@(1280x720) | 25fps@(704x576 | 640x480 | 640x360)
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 Rotation	Off | Rotating 180° | Flip Horizontal | Flip Vertical | Clockwise 90° | Anticlockwise 90°
Image Enhancement	BLC | HLC | 2D DNR | 3D DNR | AGC | Defog | AWB | Deblur | Anti-flicker | LDC | DIS
Hybrid Zoom	Up to 40X
Network Storage	NAS (NFS /SMB /CIFS) | ANR
Network Protocols	IPv4/IPv6 | ARP | TCP | UDP | RTCP | RTP | LLDP | RTSP | RTMP | HTTP | HTTPS | DNS | DDNS | DHCP | FTP | NTP | SMTP | SNMP | UPnP | Bonjour | SIP | VPN | PPPoE | VLAN | 802.1x | QoS | IGMP | ICMP | SSL | TLS1.2
Ethernet	1xRJ45 10M/100M Ethernet Port
Audio I/O	1CH | 1CH
Alarm I/O	1CH | 1CH
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
Attribute Extraction	Simultaneously detect up to 50 targets and capture humans and vehicles in real time. Recognize attributes including Upper and Lower Clothing Color, Hat, and Vehicle Types (Bicycle｜Car｜Motorcycle｜Bus｜Truck｜E-scooter).
Face Detection & Face Attribute Recognition	Detect and capture faces, get real-time snapshots. The attributes include Age, Gender, Glasses, Mask and Cap.
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
Hard Hat Detection	Detect whether individuals are wearing safety hats. Trigger an alarm when a person is identified without a hard hat
Privacy Protection	Automatically detect faces or human bodies in the video stream and overlay mosaic effects｜Supported on Primary Stream/Secondary Stream, Compatible with H.265 /H.264 formats.
Fall Detection	Detect a person's fall and trigger an alarm to alert others for timely assistance
Violence Detection	Identify violent behavior and trigger an alarm to alert others to intervene or prevent the action
One-Click Disarm	Support
Basic Event	Motion Detection｜Tamper Detection｜Audio Alarm｜External Input｜External Output etc.
Exception	Network Disconnection｜IP Address Conflict｜Record Failed｜SD Card Full｜SD Card Uninitialized｜SD Card Error｜No SD Card, etc.
Event Action	FTP Upload Record｜SMTP Upload Record｜SD Card Record｜Snapshot｜External Output｜Play Audio｜SIP Phone｜HTTP Notification, etc.
Watermark	Support
Storage	Support Micro SD/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) | DC10V~DC28V
Power Consumption	Min.：4.2W (DC) | 5.2W (PoE) | 24 Hour Average：5.7W (DC) | 7W (PoE) | Max.：8W (DC) | 9.6W (PoE)
Surge Protection	4KV
Dimensions	134 x 126 x 294 mm
Weight	Net Weight Approx. 1.3kg | Gross Weight Approx. 2.1kg
Certification	CE | FCC | IP67 | NDAA

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

Accessories

Product Accessories



A02 V2 Pole Mount

Weight: 1kg
Dimension: 180*138.5*47mm
Installation Environment: For strapping cameras on poles between ϕ67–127 mm (2.6–5 inches) in diameter



A03 External Corner Bracket

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

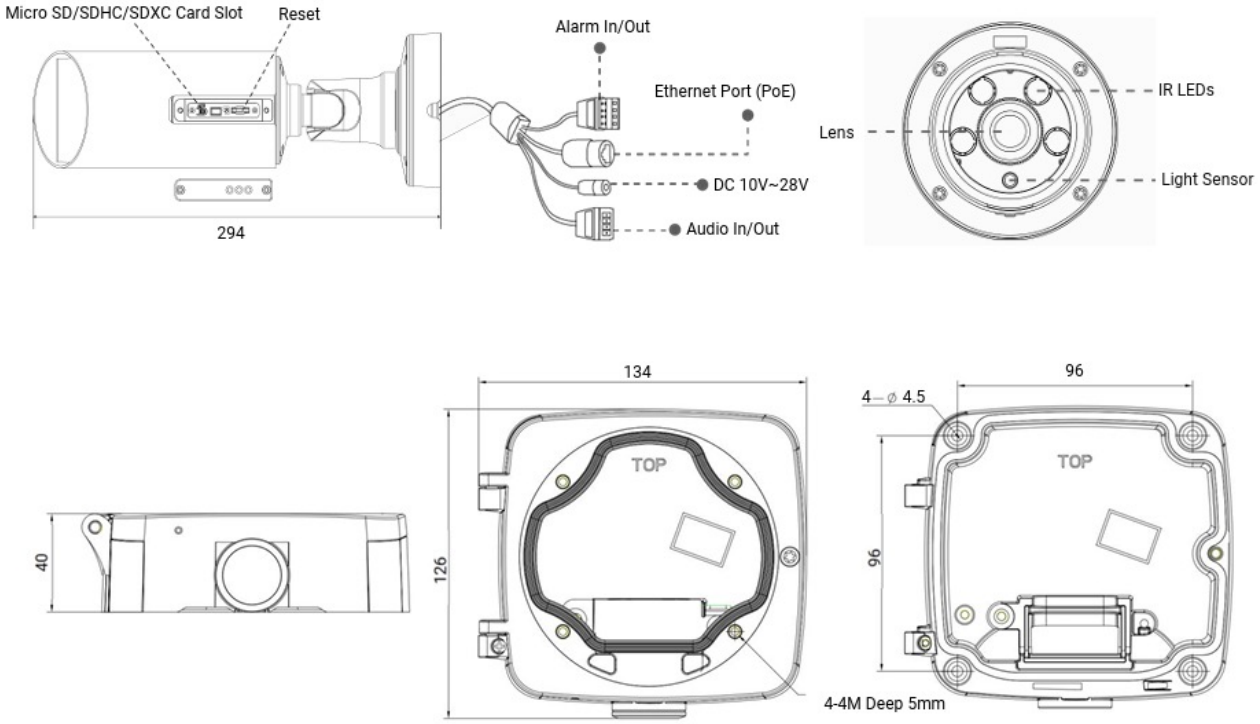


A62 Junction Box

Weight: 510g
Dimension: 134*126*40mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering

Dimension





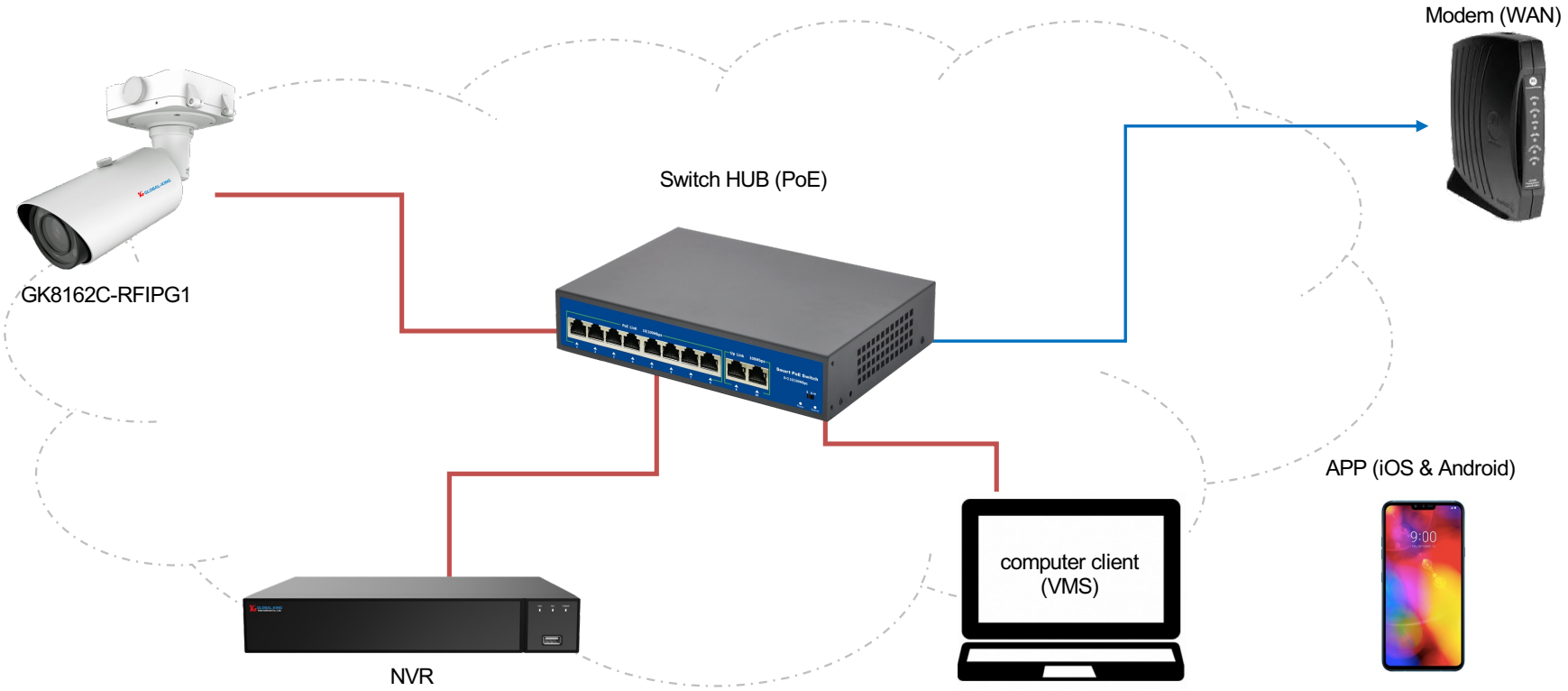
AI Motorized Pro Bullet Network Camera | Dimensions

Architecture diagram

AI Motorized Pro Bullet Network Camera | Infrastructure

- IP Camera (GK8162C-RFIPG1)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS & Android)
- Internet (ISP modem)

Infrastructure



AI Motorized Pro Bullet Network Camera | Infrastructure



ThankYou

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