

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Motorized Pro Bullet Plus Network Camera



Feature

Model：GK2966C-RFPG1

Feature

- NDAA Compliance
- AI Deep Learning
- 1/2.8" STARVIS Starlight Sensor
- 70m IR Distance
- 140dB Super WDR
- 0.003Lux Ultra Low-light
- 60fps High Frame Rate
- 2MP Viewing Experience
- Robust Performance with IP67&IK10
- Audio I/O | Alarm I/O | PoE | DC 12V



Specification

Products Specification

Model	GK2966C-RFPG1
Image Sensor	1/2.8″ Progressive Scan CMOS
Min. Illumination	Color：0.003Lux @F1.4 ｜ B/W：0Lux with IR on
WDR	140dB Super WDR
Shutter Time	1~1/100,000s
DORI Distance	D：47m ~ 152m ｜ O：18.5m ~ 59.8m ｜ R：9.3m ~ 29.9m ｜ I：4.7m ~ 14.9m
Day/Night Mode	Day ｜ Night ｜ Auto ｜ Customize ｜ Schedule
S/N	>55dB
Illuminator Number	6
IR Wave Length	850nm
IR Distance	Up to 70m
Illuminator Control	Auto ｜ Manual
Lens	2.7~13.5mm@F1.4
Field of View	H103.4° ~ H31.1° ｜ D121.2° ~ D35.9° ｜ V55.1° ~ V17.4°
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. F1.4
Iris Type	Fixed
Resolution	1920(H) x 1080(V)
Primary Stream	60Hz：60fps@(1920x1080 ｜ 1280x960 ｜ 1280x720) 50Hz：50fps@(1920x1080 ｜ 1280x960 ｜ 1280x720)
Secondary Stream	60Hz：60fps@(704x576 ｜ 640x480 ｜ 640x360) 50Hz：50fps@(704x576 ｜ 640x480 ｜ 640x360)

Tertiary Stream	60Hz：60fps@(1920x1080 | 1280x720 | 704x576 | 640x480 | 640x360) 50Hz：50fps@(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 (Support NF | 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	2CH | 2CH (Alarm Output 2：Wet Contact | DC12V / 10mA)
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 | 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
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 | Snapshot | SMTP Upload Record | SD Card Record | External Output | Play Audio | SIP Phone | HTTP Notification, etc.
Watermark	Support
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+ (802.3at) | DC10V ~ DC28V

Power Consumption	Min.：3.2W (DC)｜3.9W (PoE+) 24 Hour Average：7.8W (DC)｜9.4W (PoE+) Max.：12.3W (DC)｜14.6W (PoE+)
Surge Protection	6KV
Dimensions	320 x 134 x 126 mm
Weight	Approx. 1600g
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



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

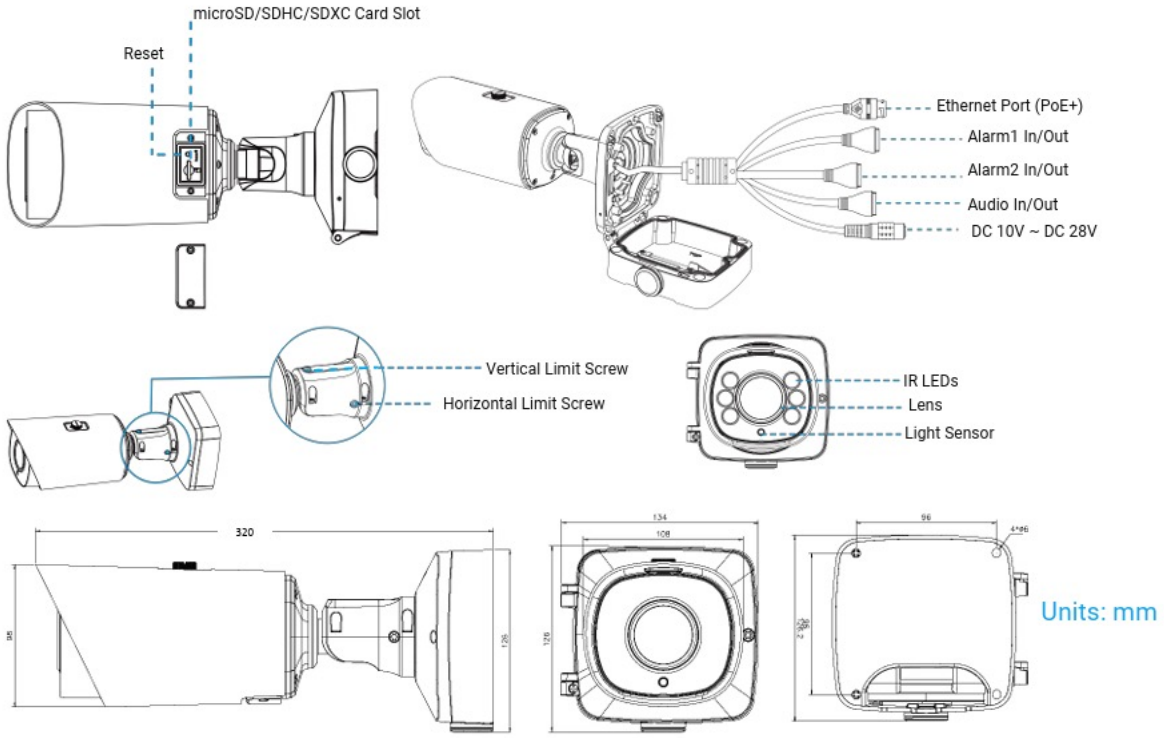


A03 External Corner Bracket

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

Dimension





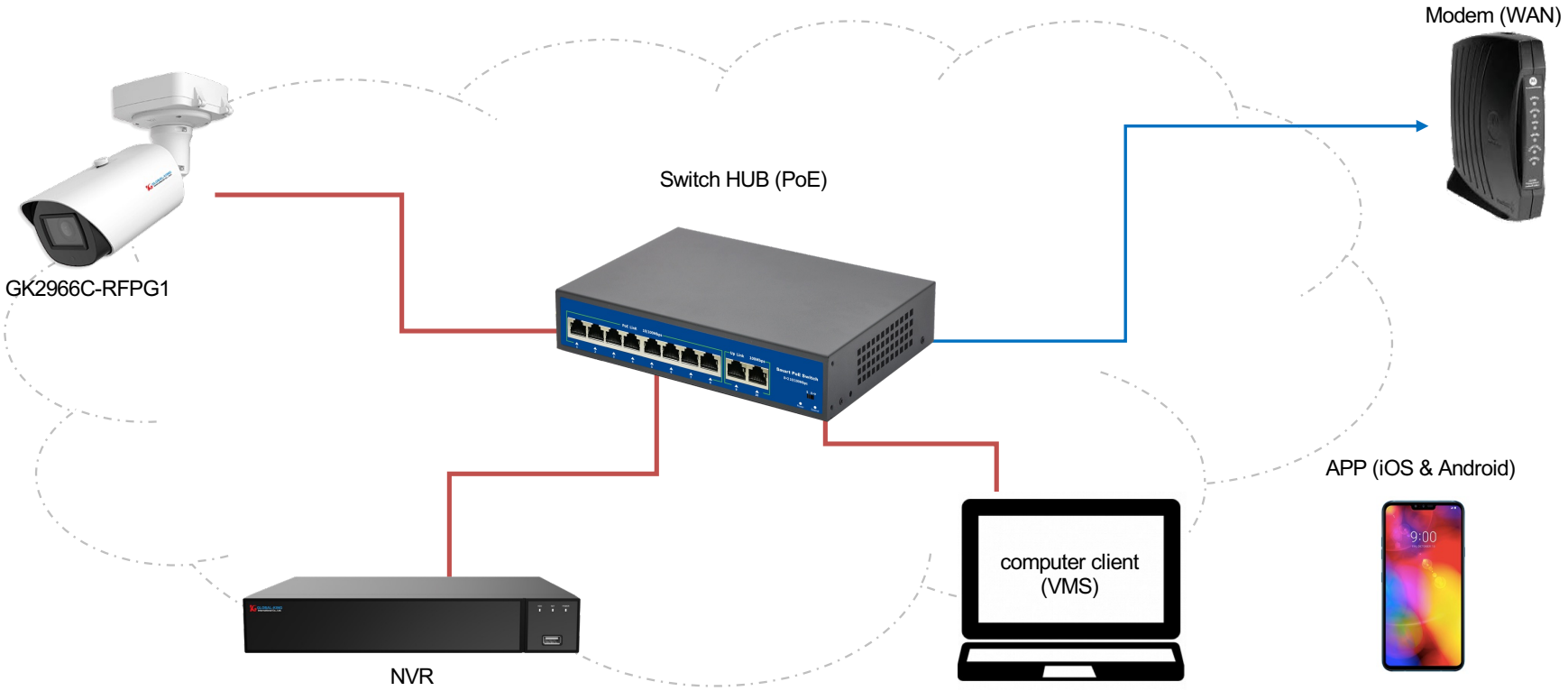
AI Motorized Pro Bullet Plus Network Camera | Dimensions

Architecture diagram

AI Motorized Pro Bullet Plus Network Camera | Infrastructure

- IP Camera (GK2966C-RFPG1)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS & Android)
- Internet (ISP modem)

Infrastructure



AI Motorized Pro Bullet Plus Network Camera | Infrastructure



ThankYou

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GLOBAL-KING
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