

GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

AI Motorized Pro Bullet Plus Network Camera



Feature

Model：GK2966C-RFIPG1

Feature

- NDAA Compliance
- AI Deep Learning
- 1/2.8" STARVIS Starlight Sensor
- 80m IR Distance
- 140dB Super WDR
- 0.001Lux 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-RFIPG1
Image Sensor	1/2.8″ Progressive Scan CMOS
Min. Illumination	Color：0.001Lux @F1.2｜ B/W：0Lux with IR on
WDR	140dB Super WDR
Shutter Time	1~1/100,000s
DORI Distance	D：47.8m ~ 134m｜O：18.8m ~ 52.8m｜R：9.5m ~ 26.4m｜I：4.7m ~ 13.2m
Day/Night Mode	Day｜Night｜Auto｜Customize｜Schedule
S/N	>55dB
Illuminator Number	6
IR Wave Length	850nm
IR Distance	Up to 80m
Illuminator Control	Auto｜Manual
Lens	2.7~13.5mm@F1.2
Field of View	H112.7° ~ H37.2°｜D133.5° ~ D42.8°｜V58.5° ~ V20.8°
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	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.：12.8W (DC) | 15.2W (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

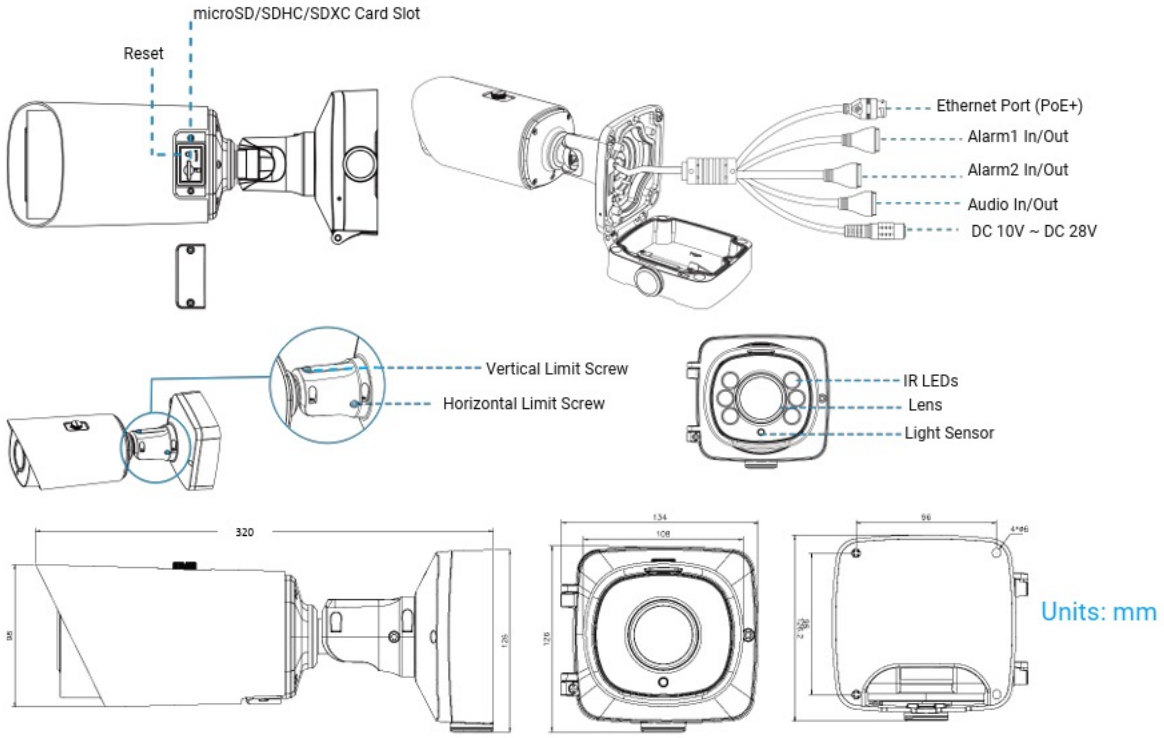


A03 External Corner Bracket

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

Dimension





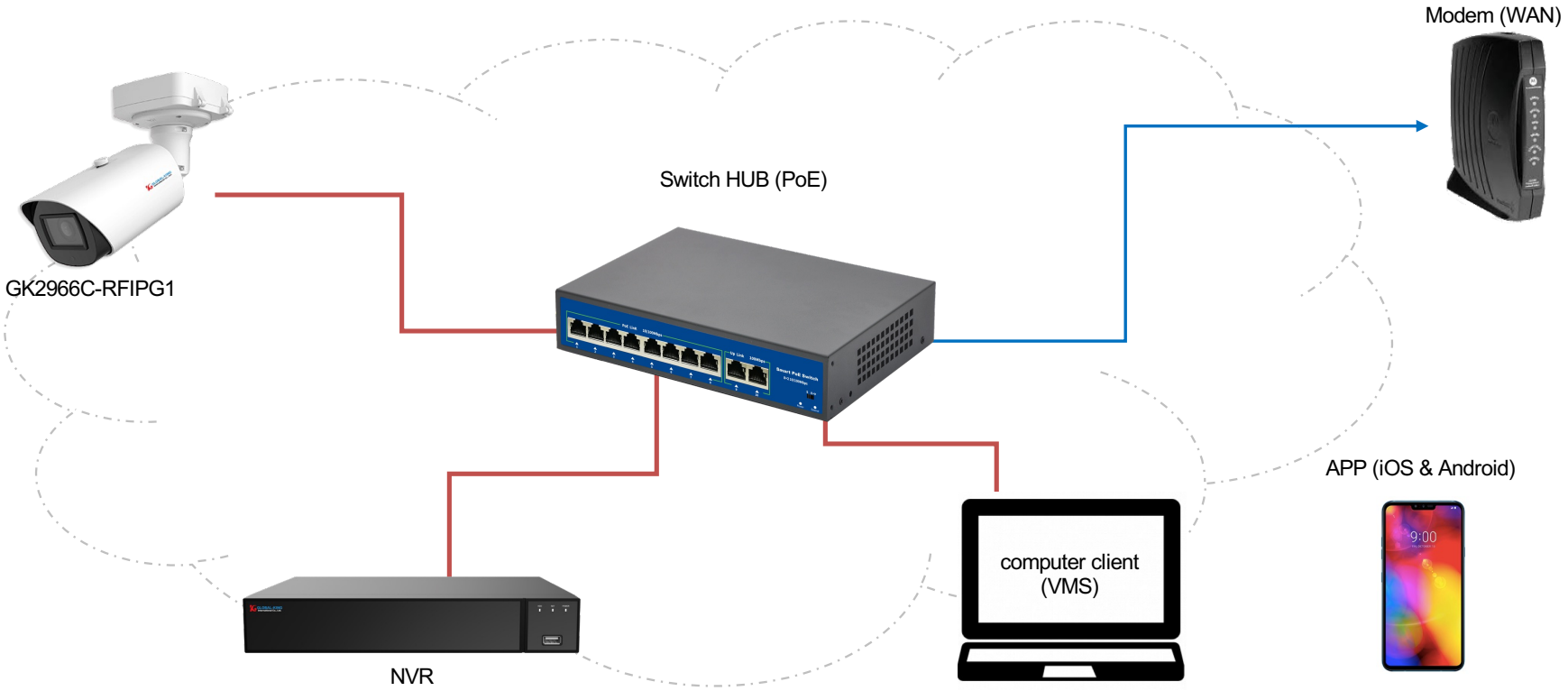
AI Motorized Pro Bullet Plus Network Camera | Dimensions

Architecture diagram

AI Motorized Pro Bullet Plus Network Camera | Infrastructure

- IP Camera (GK2966C-RFIPG1)
- 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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