

Global-King Network Camera

AI 180° Panoramic Mini Bullet Network Camera



Feature

Model : GK8165C-PE

Feature

- NDAA Compliance
- 180° Panoramic View
- 4K Ultra High Definition
- AI Empowered VCA
- Intelligent People Counting
- Advanced Heat Map
- Smart IR II Technology for Whole IR Coverage



Specification

Products Specification

Model	GK8165C-PE
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.012Lux @F2.0 B/W: 0Lux with IR on
WDR	120dB Super WDR
Lens	1.68mm @F2.0
Mount	M12
Field of View	H180° V86°
Shutter Time	1~1/100,000s
DORI Distance	D : 56.5m O : 22m R : 11m I : 5.5m
IR Distance	>15M
Day/Night Mode	Day Night Auto Customize Schedule
S/N	>55dB
Resolution	3840(H) x 2160(V)
Primary Stream	60Hz : 30fps@(3840x2160 3440x1936 3200x1800 2880x1624 2560x1440 1920x1080 1280x720) 50Hz : 25fps@(3840x2160 3440x1936 3200x1800 2880x1624 2560x1440 1920x1080 1280x720)
Secondary Stream	60Hz: 30fps@(704x576 640x480 640x360) 50Hz: 25fps@(704x576 640x480 640x360)
Tertiary Stream	60Hz : 30fps@(1280x720 704x576 640x480 640x360) 50Hz : 25fps@(1280x720 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 Enhancement	BLC HLC 2D DNR 3D DNR AGC Defog AWB Deblur Anti-flicker Corridor Mode

Ethernet	1xRJ45 10M/100M Ethernet Port
Audio Interface	Built-in Microphone
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
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)
Object Counting & Report	Count the number of people crossing the line, 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 Audio Alarm, etc.
Exception	Network Disconnection IP Address Conflict 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 HTTP Notification, etc.
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
SIP/VoIP	Yes Voice & Video-over-IP
System Compatibility	ONVIF Profile (support G/M/S/T) API
Working Temperature	-40°C~60°C
Working Humidity	0~95%(Non-condensing)
Power Supply	PoE(802.3af) DC12V±10%

Power Consumption	Min. : 4W (DC 12V) 4.8W(PoE) Max. : 7.1W (DC 12V) 8.4W(PoE)
Dimensions	95.8 x 74 x 158.5 mm
Weight	630g
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 102-127mm(4.1-5 inches) in diameter



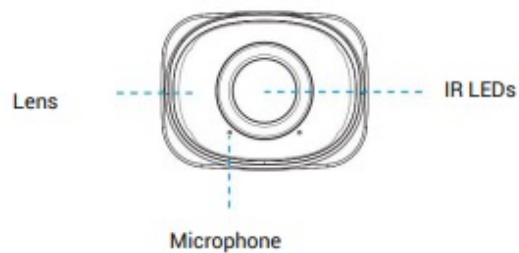
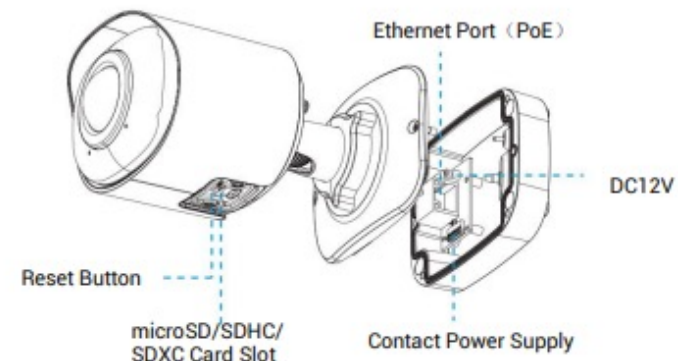
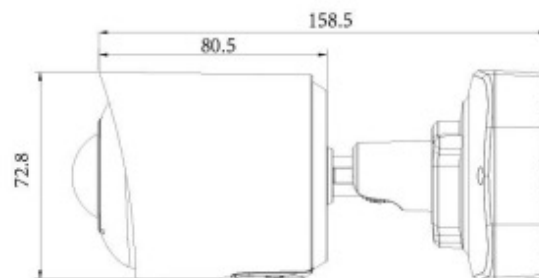
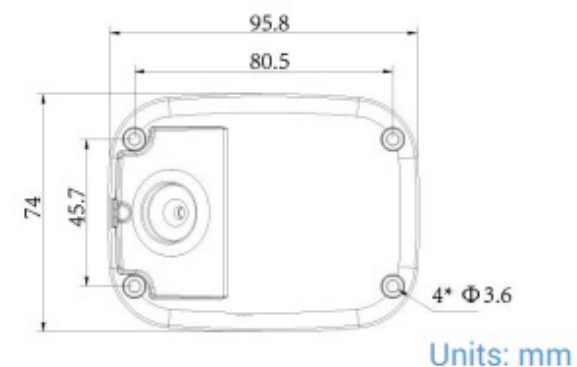
A03 External Corner Bracket

Weight: 900g

Dimension: 180*152.5*76mm

Installation Environment: For mounting cameras on an external corner

Dimension



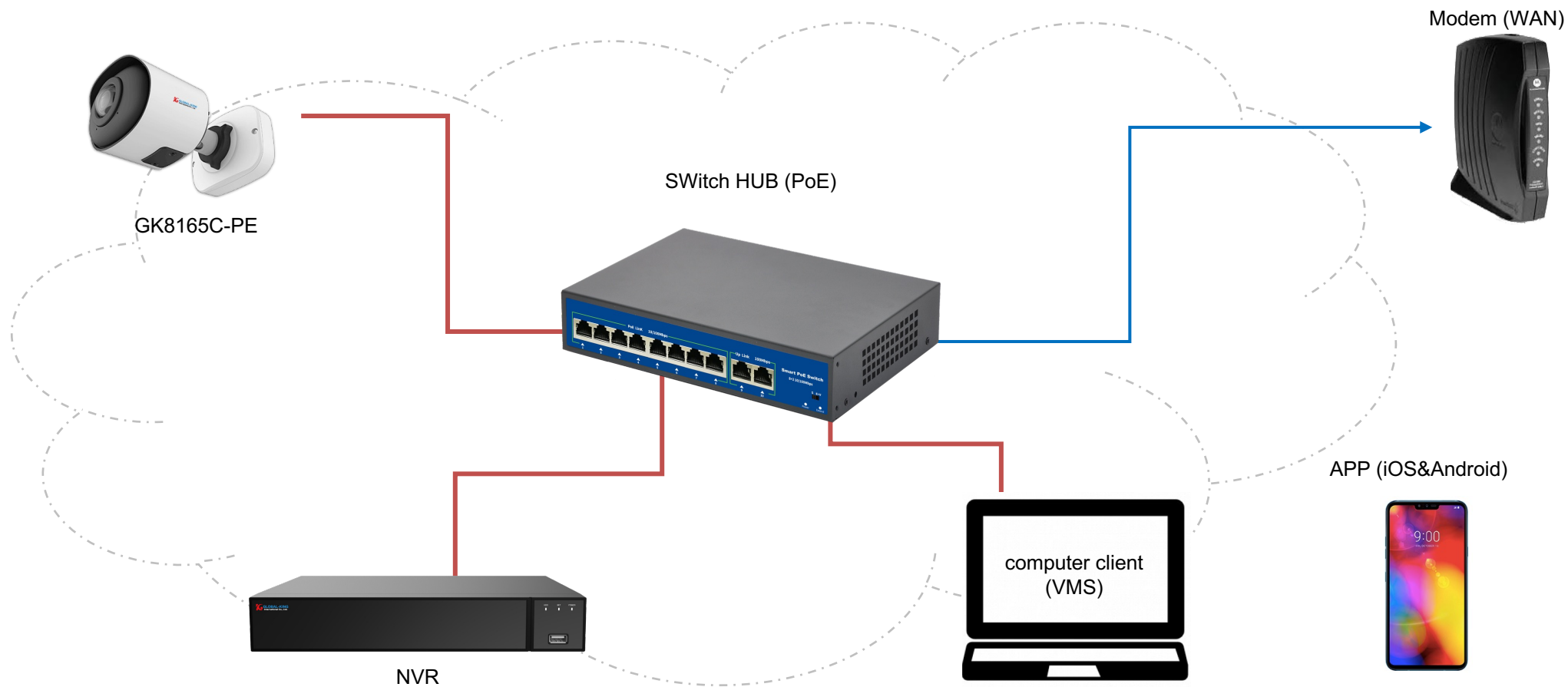
AI 180° Panoramic Mini Bullet Network Camera | Dimensions

Architecture diagram

AI 180° Panoramic Mini Bullet Network Camera |
Infrastructure

- IP Camera (GK8165C-PE)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI 180° Panoramic Mini Bullet Network Camera | Infrastructure



Thank You

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