

Global-King Network Camera

AI TrueColor Dual-sensor 180° Panoramic Network Camera



Feature

Model : GK8477C-HPG1

Feature

- NDAA Compliance
- 2x4MP@30fps
- Seamless 180° Dynamic Stitched Panoramic View
- Smart Hybrid Light for Optimal Visibility and Security
- F1.0 Super Aperture | 1/1.8" Sensor for TrueColor Vision
- 8 AI VCA 2.0 | Object Counting | Heat Map
- Independent Strobe Light for Proactive Deterrence



Specification

Products Specification

Model	GK8477C-HPG1
Image Sensor	Dual 1/1.8" Progressive Scan CMOS
Camera	Min. Illumination
Min. Illumination	Color : 0.0005Lux@(F1.0, AGC ON) B/W : 0Lux with IR on
WDR	140dB Super WDR
Lens	4.0 mm @F1.0
Mount	M16
Field of View	H180° V50°
Shutter Time	1~1/100,000s
DORI Distance	Detect : 62.7m Observe : 24.7m Recognize : 12.3m Identify : 6.2m
Light Type	4 x IR Lights 2 x White Lights
Light Distance	Up to 30m (IR Light) Up to 25m (White Light)
IR Wave Length	850nm
Day/Night Mode	Day Night Auto Customize
S/N	>55dB
Resolution	5120(H) x 1520(V)
Primary Stream	60Hz : 30fps@(5120x1520) 50Hz : 25fps@(5120x1520)
Secondary Stream	60Hz : 30fps@(1280x380 960x288 736x224 640x190) 50Hz : 25fps@(1280x380 960x288 736x224 640x190)
Tertiary Stream	60Hz : 30fps@(1920x576) 50Hz : 25fps@(1920x576)
ePTZ Stream	60Hz : 30fps@(1920x1080) 50Hz : 25fps@(1920x1080)
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 Mask Areas
ROI	Up to 8 areas
Image Settings	Brightness Contrast Saturation Sharpness
Image Enhancement	BLC HLC 2D DNR 3D DNR Defog AWB AGC Anti-flicker Image Rotation Deblur, etc.
Ethernet	1xRJ45 10M/100M Ethernet Port
Audio	Built-in Microphone
Audio Interface	1 Audio Out Interface
Alarm I/O	1CH 1CH
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 VPN SIP LLDP 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
Object Counting &Report	Count the number of objects crossing the line, optionally human and vehicle, and 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 External Input External Output, etc.
Exception	Network Disconnection IP Address Filtering 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 SIP Phone Play Audio External Output 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 (support G/M/S/T) API
Working Temperature	-40°C~60°C
Working Humidity	0~95%(Non-condensing)
Power Supply	PoE+ (802.3at) DC12V / 2A±20%
Power Consumption	Min. : 4.2W(DC 12V) 5W(PoE+) Max. : 12.7W(DC 12V) 15W(PoE+)
Weight	1500g
Dimensions	ø 160 x 128 mm
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 $\phi 67$ –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



A42-L Extension Lever

Weight: 330g
Dimension: $\Phi 47.5$ *255mm
Installation Environment: Used as extensions for pendant mount



A72 V2 Wall Mount

Weight: 575g
Dimension: 242*145*133mm
Installation Environment: For wall or parapet installations



A76 V2 Pendant Mount

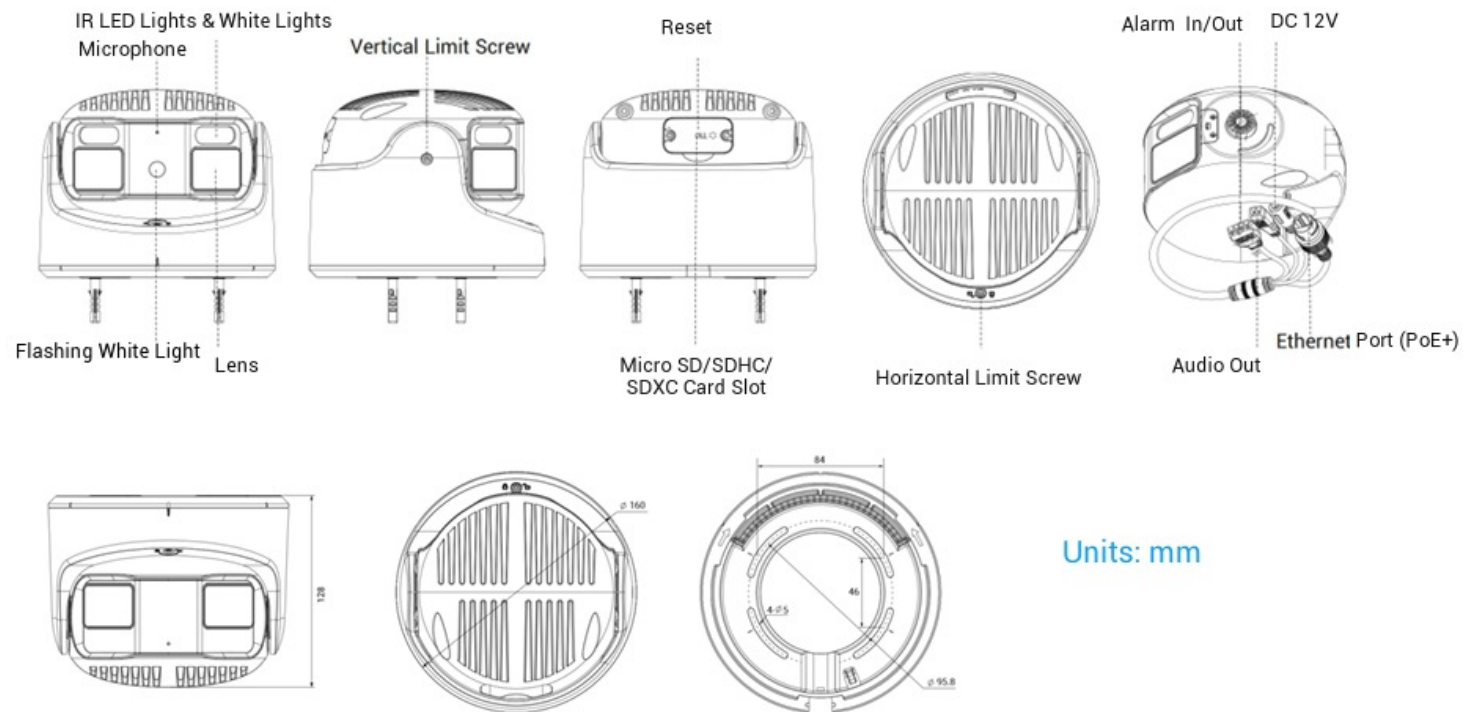
Weight: 620g
Dimension: $\Phi 145$ *L (L is default as 290mm, also can be extended with A42-L)
Installation Environment: Used to install cameras on a ceiling or horizontal structure



A77 Wall Mount

Weight: 650g
Dimension: 262*185*138mm
Installation Environment: For wall or parapet installations

Dimension



Units: mm

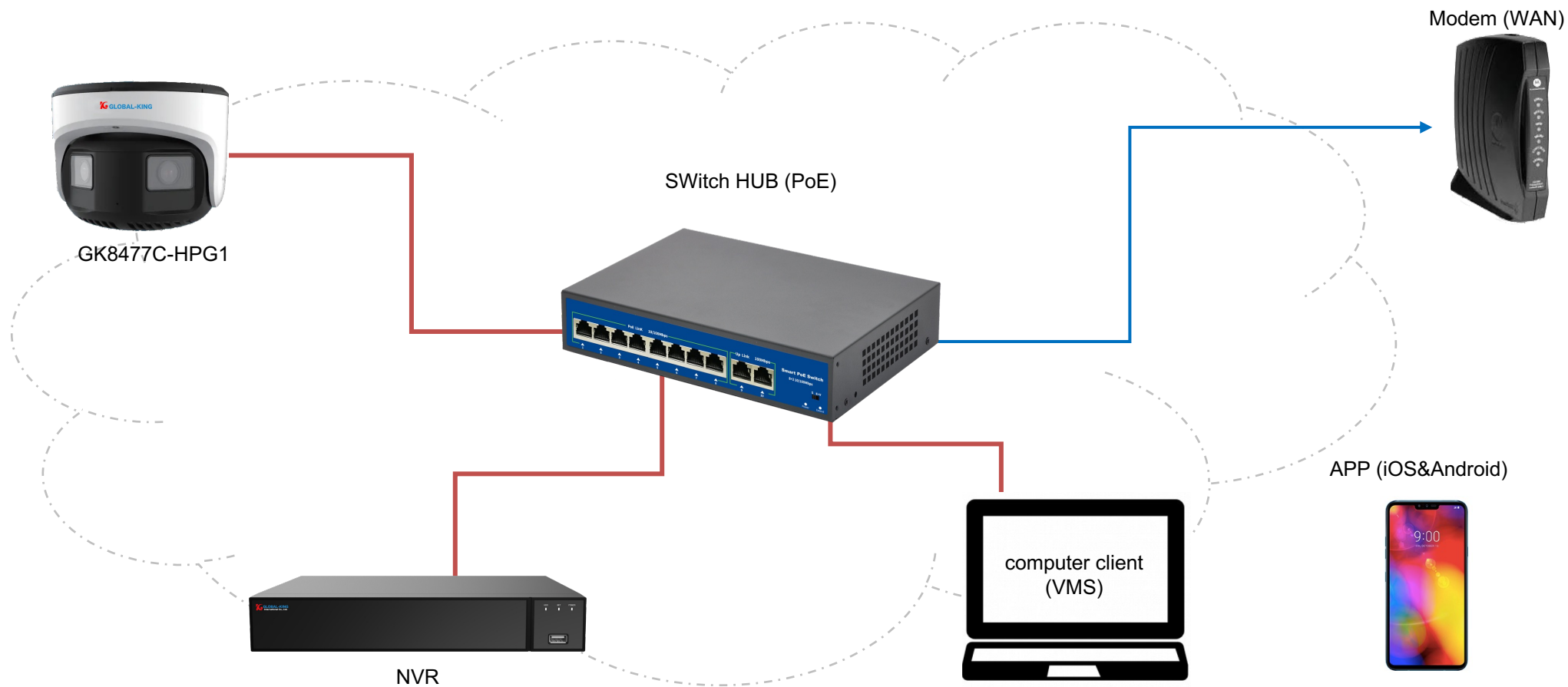
AI TrueColor Dual-sensor 180° Panoramic Network Camera | Dimensions

Architecture diagram

AI TrueColor Dual-sensor 180° Panoramic Network Camera |
Infrastructure

- IP Camera (GK8477C-HPG1)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI TrueColor Dual-sensor 180° Panoramic Network Camera | Infrastructure



Thank You

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+886-2-77303779



service@global-king.com



www.global-king.net

