

Global-King Network Camera

AI 5-inch 25X Speed Dome Network Camera



Feature

Model : GK5342C-X25-RPG1

Feature

- NDAA Compliance
- 70% Less Power Design
- Avg. Power Consumption: 3.4W (Day) / 6.4W (Day & Night)
- VCA 2.0 & MSense AI Analytics
- 25X Optical Zoom & 8X Digital Zoom
- Up to 120 m IR Distance
- EIS with Gyroscope
- 3-Minute Defog
- -40°C to 70°C



Specification

Products Specification

Model	GK5342C-X25-RPG1
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.008Lux @F1.5 B/W: 0Lux with IR on
WDR	120dB Super WDR
Shutter Time	1~1/100,000s
Day/Night Mode	Day Night Auto Customize Schedule
S/N	>55dB
Lens	4.8~120mm 25X Optical Zoom
Optical Zoom	25X
Digital Zoom	8X
Zoom Speed	Approx. 5.8s
Field of View	H52.9°~H2.7° D66°~D3.3° V39.8°~V2.0°
Focus Control	Auto Semi-Auto Manual
Aperture	F1.5~F3.5
Iris Control	Auto Manual
IR Wave Length	850nm
IR Distance	Up to 120m
Pan Range/Pan Speed	360° endless Pan Manual Speed : 0.1°~80°/s Pan Preset Speed : 80°/s
Tilt Range/Tilt Speed	-10°~90°(Auto Flip) Tilt Manual Speed : 0.1°~80°/s Tilt Preset Speed : 80°/s
Proportional Zoom	Support
Preset Quantity	300
Preset Freezing	Support
Patrol	8 Patrols up to 48 presets each patrol
Pattern	4 Patterns

PTZ Status Display	Support
Power Off Memory	Support
Scheduled Task	Auto Scan Preset Patrol Pattern Self Check Tilt Scan Panorama Scan
PT Auto-Correction	Supports gyroscope detection and self-calibration based on schedules and Patrol times.
Other Function	3D Positioning Auto Tracking PTZ Limits Initial Position
Resolution	2592(H) x 1944(V)
Primary Stream	60Hz: 30fps@(2592x1944 2592x1520) 45fps@(2048x1536) 60fps@(1920x1080 1280x960 1280x720) 50Hz: 25fps@(2592x1944 2592x1520) 45fps@(2048x1536) 50fps@(1920x1080 1280x960 1280x720)
Secondary Stream	60Hz: 60fps@(704x576 640x480 640x360) 50Hz: 50fps@(704x576 640x480 640x360)
Tertiary Stream	60Hz : 30fps@(2048x1536 1920x1080 1600x1200 1280x720 704x576 640x480 640x360) 50Hz : 25fps@(2048x1536 1920x1080 1600x1200 1280x720 704x576 640x480 640x360)
Quaternary Stream	60Hz : 30fps@(1920x1080 704x576 640x480 640x360) 50Hz : 25fps@(1920x1080 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	Saturation Brightness Contrast Sharpness
Defog	Digital defog
Image Stabilization	EIS (enhanced by gyroscope to improve performance)
Image Enhancement	BLC HLC 2D DNR 3D DNR AGC AWB Deblur Anti-flicker Corridor Mode LDC
Regional Exposure	Support
Regional Focus	Support

Network Storage	NAS (Support NFS /SMB /CIFS) ANR
Network Protocols	IPv4/IPv6 ARP TCP UDP RTCP RTP SRTP RTSP RTSPS RTMP HTTP HTTPS DNS DDNS DHCP FTP NTP SMTP SNMP UPnP Bonjour LLDP SIP VPN PPPoE VLAN 802.1x QoS IGMP ICMP SSL TLS 1.2
Ethernet	1 RJ45 10M/100M Ethernet Port
Alarm I/O	2 inputs 2 outputs
Audio I/O	1 input 1 output
RS485	Support
Audio Compression	G.711-ULaw G.711-ALaw AAC LC G.722 G.726
Audio Sampling Rate	G.711-ULaw G.711-ALaw AAC LC : 8/16/32/44.1/48KHz G.722 : 16KHz G.726 : 8KHz
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	Supports real-time face detection and snapshot Recognizes face attributes : age, gender, glasses, mask, cap.
Object Counting & Report	Supports line crossing counting for humans and vehicles Regional people counting for up to 4 areas.
Hard Hat Detection	Supports detection of safety hat usage alarm trigger for non-compliance
Privacy Protection	Supports automatic mosaic overlay for faces and human bodies. Supported on main/sub stream Compatible with H.265 / H.264
Fall Detection	Supports detection of human falls Alarm trigger
Violence Detection	Supports detection of violent behavior Alarm trigger
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.
On-board Storage	Support Micro SD/SDHC/SDXC Card Local Storage up to 1TB
Reset Button	Support
Watermark	Support
SIP/VoIP	Yes Voice & Video-over-IP
System Compatibility	ONVIF Profile G & M & S & T API
Power Meter	Supports display of real-time, average, max power, and supply type Supports power usage reports (30-min, 1h, 1d, 1 week, monthly).
Battery System	Battery status display and alarm (requires Milesight Solar Power System)
GPS	Support
Working Condition	-40°C to 70°C (-40°F to 158°F)
Working Humidity	0~95% RH (Non-condensing)
Power Supply	PoE (802.3at) Class4 DC12V±30%
Power Consumption	Min. : 3.46W (DC) 4.2W (PoE+) Max. : 18.49W (DC) 21W (PoE+) IR on PTZ working lens heating on 24 Hour Average : 6.68W (DC) 7.75W (PoE+)
Heating	Built-in heating glass for effective defog max 1.4W
Dimensions	ø173 x 285 mm
Weight	Net Weight : 3.1 kg (6.83 lb) Gross Weight : 4.4 kg (9.7 lb)
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 $\phi 67$ –127mm (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



A41 Wall Mount

Weight: 400g
 Dimension: 200*129*100mm
 Installation Environment: For wall or parapet installations



A42 Pendant Mount

Weight: 650g
 Dimension: $\Phi 116.5$ *255mm
 Installation Environment: Used to install cameras on a ceiling or vertical structure



A42-L Extension Lever

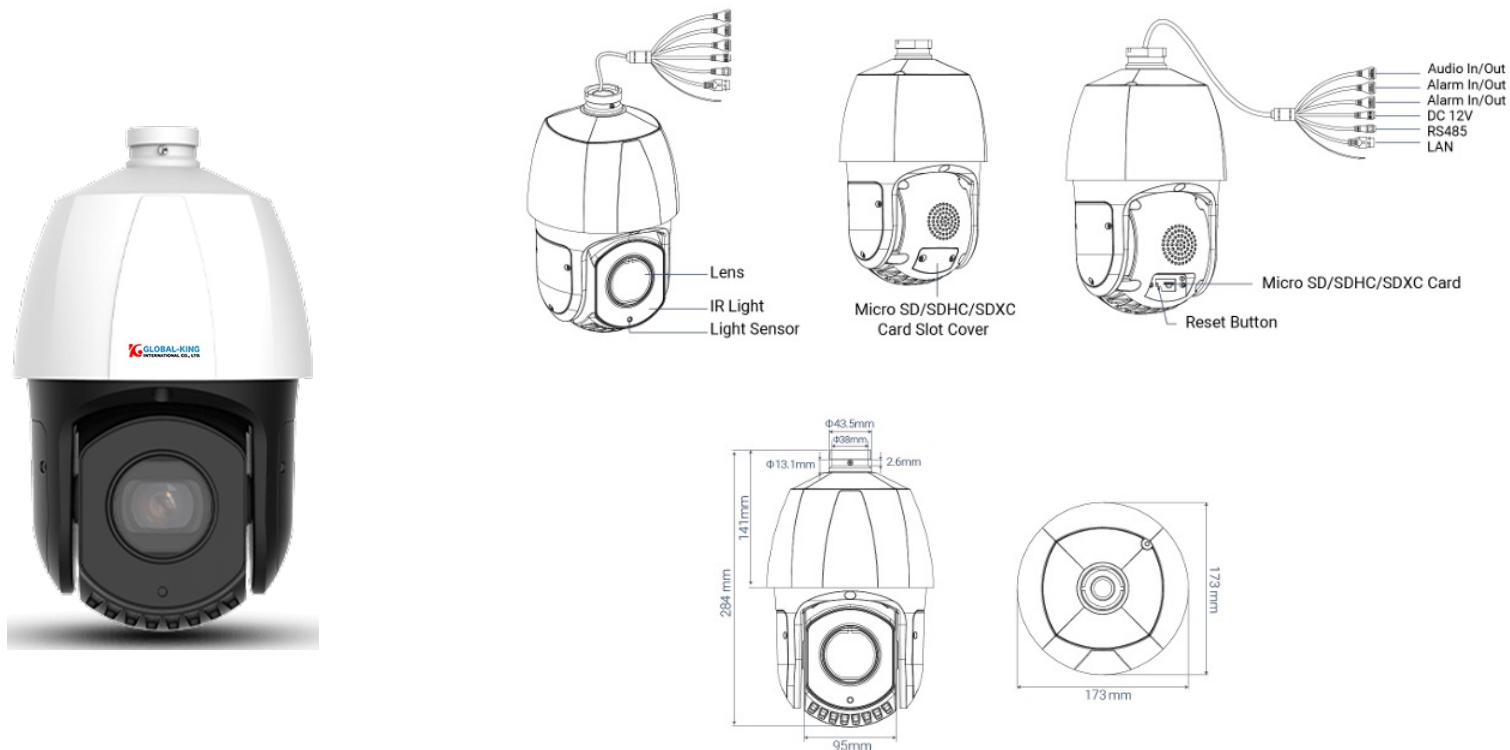
Weight: 330g
 Dimension: $\Phi 47.5$ *255mm
 Installation Environment: Used as extensions for pendant mount



A43 Junction Box

Weight: 1000g
 Dimension: 195*164*80mm
 Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering

Dimension



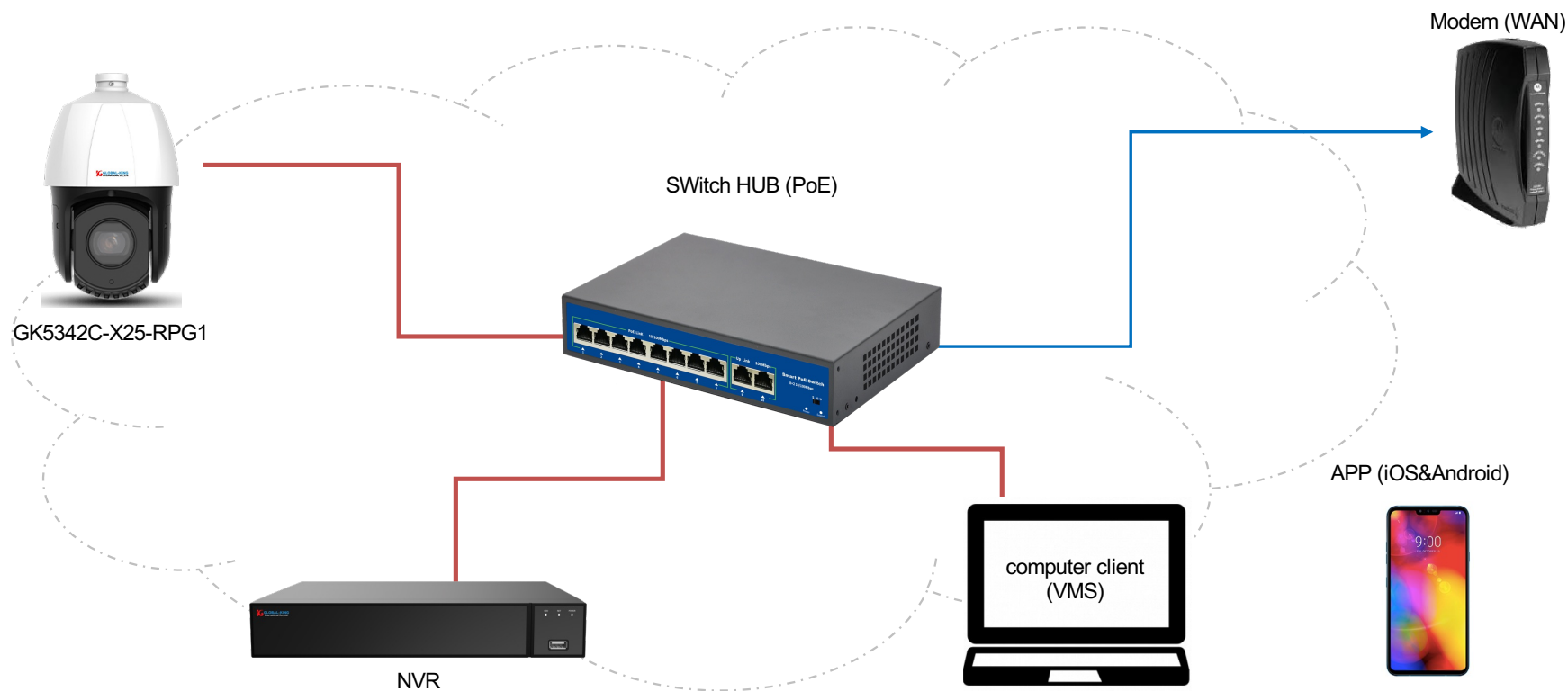
AI 5-inch 25X Speed Dome Network Camera | Dimensions

Architecture diagram

AI 5-inch 25X Speed Dome Network Camera | Infrastructure

- IP Camera (GK5342C-X25-RPG1)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS & Android)
- Internet (ISP modem)

Infrastructure



AI 5-inch 25X Speed Dome Network Camera | Infrastructure



Thank You

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+886-2-77303779



service@global-king.com



www.global-king.net



GLOBAL-KING
International Co., Ltd.

