

Global-King Network Camera

AI 36X Speed Dome Network Camera



Feature

Model : GK8241C-X36-PE

Feature

- NDAA Compliance
- AI Deep Learning
- Flexible Pan, Tilt and Zoom Tasks
- Smart Rain-Sensing Wiper (Optional)
- PTZ Auto Tracking
- 36X Optical Zoom
- 200m IR Distance (Wiper version up to 300m)



Specification

Products Specification

Model	GK8241C-X36-PE
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.009Lux @F1.55 B/W: 0Lux with IR on
WDR	120dB Super WDR
Shutter Time	1~1/100,000s
DORI Distance	D : 151~4240m O : 59.5~1670m R : 30~835m I : 15~417m
Day/Night Mode	Day Night Auto Customize Schedule
S/N	>55dB
Digital Zoom	16X
Lens	5.7~205.2mm 36X Optical Zoom
Zoom Speed	Approx. 7s (Wide-Tele)
Field of View	H65°~H2.3° D72°~D2.6° V40°~V1.3°
Focus Control	Auto Semi-Auto Manual
Minimum Working Distance	1500/1500mm (Wide/Tele)
Aperture	F1.55~F4.8
Iris Control	Auto
Pan Range/Pan Speed	360° endless Pan Manual Speed : 0.1°~250°/s Pan Preset Speed : 250°/s
Tilt Range/Tilt Speed	-5°~90°(Auto Flip) Tilt Manual Speed : 0.5°~160°/s Tilt Preset Speed : 160°/s
Proportional Zoom	Support
Preset Quantity	300
Patrol	8 Patrols, up to 48 presets each patrol
Pattern	4 Patterns
Auto Tracking	Support
Power Off Memory	Support

Other Function	Auto Scan Auto Home Preset Freezing 3D Positioning PTZ Limits Initial Position
IR Distance	Up to 200m Up to 300m (Wiper Version)
Irradiation Angle	Auto Manual
Resolution	3840(H) x 2160(V)
Primary Stream	60Hz : 30fps@(3840x2160 3072x2048 2592x1944 2592x1520 2048x1536 1920x1080 1280x960 1280x720 704x576) 50Hz : 25fps@(3840x2160 3072x2048 2592x1944 2592x1520 2048x1536 1920x1080 1280x960 1280x720 704x576)
Secondary Stream	60Hz : 60fps@(704x576 640x480 640x360 352x288 320x240) 50Hz : 50fps@(704x576 640x480 640x360 352x288 320x240)
Tertiary Stream	60Hz : 30fps@(1920x1080 1280x720 704x576 640x480 640x360 320x240) 50Hz : 25fps@(1920x1080 1280x720 704x576 640x480 640x360 320x240)
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
Image Enhancement	BLC HLC 2D DNR 3D DNR AGC DIS Defog AWB Deblur Anti-flicker Corridor Mode
Ethernet	1xRJ45 10M/100M Ethernet Port
Audio I/O	1CH 1CH
Alarm I/O	4CH 2CH
RS485	Support
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 SIP PPPoE VLAN 802.1x QoS IGMP ICMP SSL TLS 1.2
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)
Face Detection & Face Attribute Recognition	Detect and capture faces, get real-time snapshots and 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
Basic Event	Motion Detection Tamper Detection External Output External Input Audio Alarm, etc.
Exception	Network Disconnection IP Address Filtering Record Failed SD Card Full SD Card Uninitialized SD Card Error No SD Card
Event Action	FTP Upload Record Snapshot SMTP Upload Record SD Card Record SIP Phone Play Audio PTZ Motion 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 (Support G/M/S/T) API
Temperature	-40°C~60°C
Humidity	0~90%(Non-condensing)
Power Supply	PoE (802.3at) AC24V3A±10%
Power Consumption	Min. : 11.5W (DC 24V / AC 24V) / 14.5W(PoE) Max. : 24.5W (DC 24V / AC 24V) / 28.4W(PoE)
Heater	Support
Wiper (Optional)	Support
Surge Protection	6KV

Dimensions	ø205 x 310 mm
Weight	4Kg
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 $\phi 67$ –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

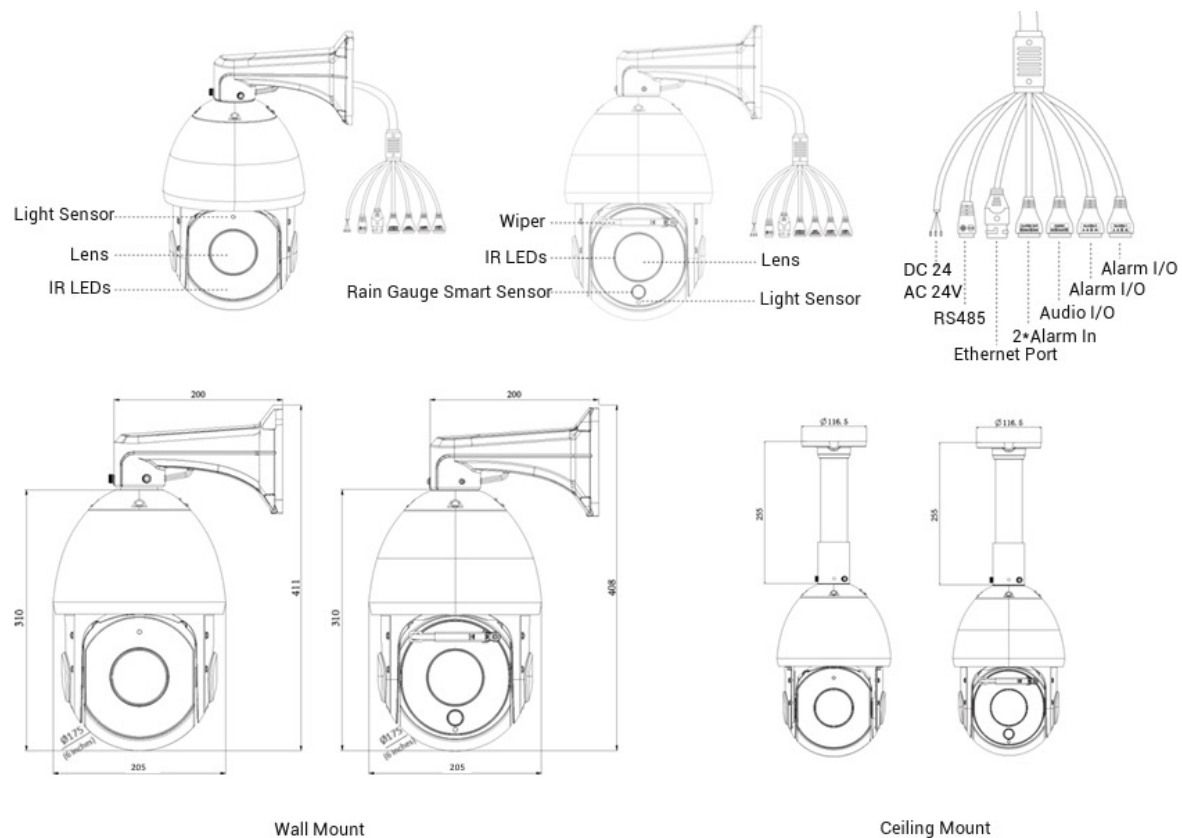
Weight: 330g
 Dimension: $\Phi 47.5$ *255mm
 Installation Environment: Used as extensions for pendant mount



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



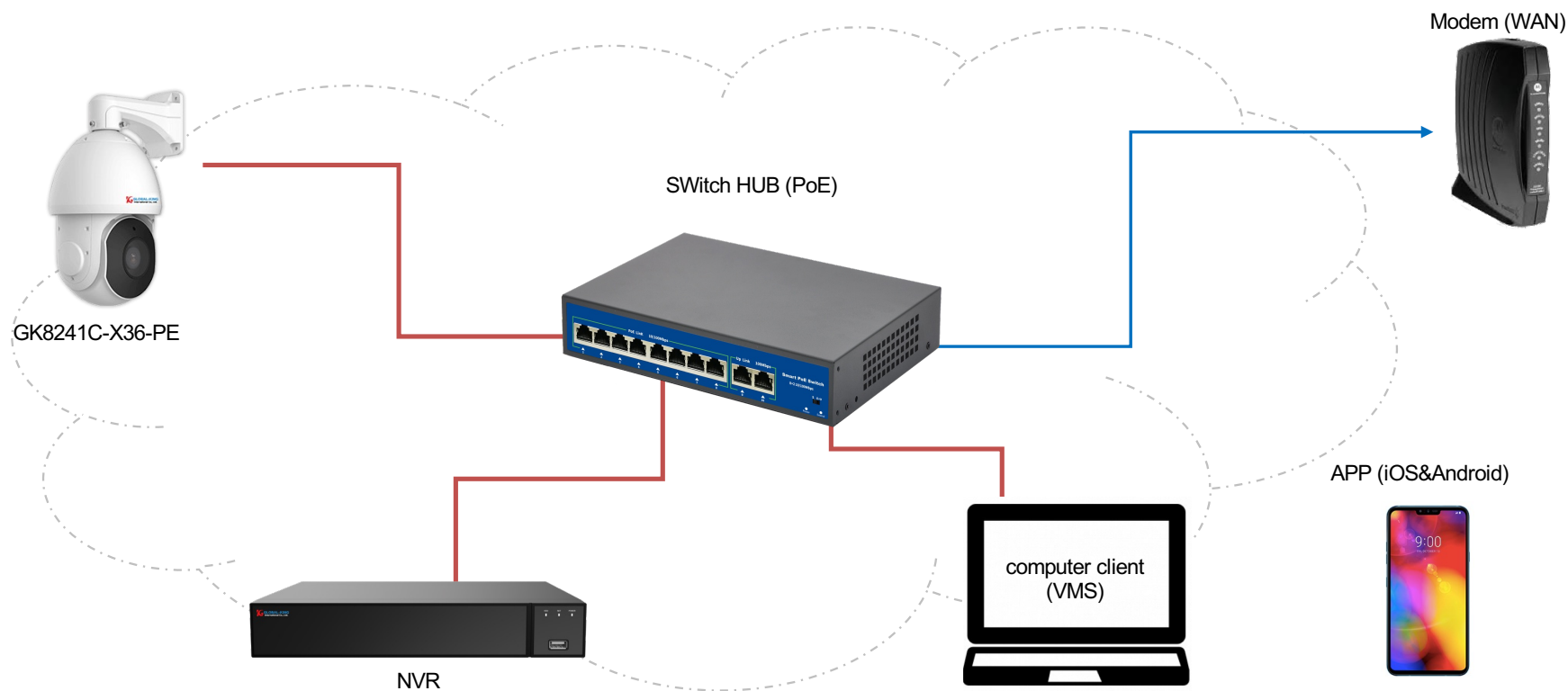
AI 36X Speed Dome Network Camera | Dimensions

Architecture diagram

AI 36X Speed Dome Network Camera | Infrastructure

- IP Camera (GK8241C-X36-PE)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS&Android)
- Internet (ISP modem)

Infrastructure



AI 36X Speed Dome Network Camera | Infrastructure



Thank You

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