

GLOBAL-KING
International Co., Ltd.

# Global-King Network Camera

## AI IR Mini Dome Network Camera



# Feature

Model：GK8183C-PD

# Feature

- NDAA Compliance
- 8MP
- AI Deep Learning
- 30fps High Frame Rate
- Smart IR II Technology
- 0.012Lux Ultra Low-light
- Recessed Installation



# Specification

## Products Specification

| Model | GK8183C-PD |
|---|---|
| **Image Sensor** | 1/2.8" Progressive Scan CMOS |
| **Min. Illumination** | Color：0.012Lux @F1.6｜ B/W：0Lux with IR on |
| **WDR** | 120dB Super WDR |
| **Lens** | Standard: 4.0mm \| Optional: 2.8mm |
| **Field of View** | H110˚｜D126˚｜V60˚ (2.8mm)<br>H91˚｜D106˚｜V50˚ (4.0mm) |
| **Shutter Time** | 1~1/100,000s |
| **Day/Night Mode** | Day｜Night｜Auto｜Customize｜Schedule |
| **IR Distance** | Up to 20m |
| **S/N** | >55dB |
| **Resolution** | 3840(H) x 2160(V) |
| **Primary Stream** | 60Hz：30fps@(3840x2160｜3072x2048｜2592x1944｜2592x152｜ 2048x1536｜1920x1080｜1280x960｜1280x720｜704x576)<br>50Hz：25fps@(3840x2160｜3072x2048｜2592x1944｜2592x152｜ 2048x1536｜1920x1080｜1280x960｜1280x720｜704x576) |
| **Secondary Stream** | 60Hz：30fps@(704x576｜640x480｜640x360｜352x288)<br>50Hz：25fps@(704x576｜640x480｜640x360｜352x288) |
| **Tertiary Stream** | 60Hz：30fps@(1280x720｜704x576｜640x480｜640x360｜352x288)<br>50Hz：25fps@(1280x720｜704x576｜640x480｜640x360｜352x288) |
| **Video Compression** | H.265+｜H.265(HEVC)｜H.264+｜H.264｜MJPEG |
| **Video Bit Rate** | 16Kbps~16Mbps (CBR/VBR adjustable) |
| **Privacy Masking** | Up to 4 Areas |
| **ROI** | Up to 8 areas |
| **Image Settings** | Saturation｜Brightness｜Contrast｜Sharpness |
| **Image Enhancement** | BLC｜HLC｜2D DNR｜3D DNR｜Defog｜AWB｜IP Address Filtering｜AGC｜Anti-flicker｜Corridor Mode｜Deblur |
| **Ethernet** | 1xRJ45 10M/100M Ethernet Port |

| | |
|---|---|
| **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 \| UPnP \| Bonjour \| SIP \| SNMP \| 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 |
| **Audio Interface** | Built-in Microphone |
| **Video Analysis** | Region Entrance \| Region Exiting \| Advanced Motion Detection \| Line Crossing \| Loitering \| Object Left \| Object Removed |
| **People Counting &Report** | Count the number of people entering or exiting |
| **Basic Event** | Motion Detection \| Tamper Detection \| 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 \| 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 G & S & T \| API |
| **Working Temperature** | -40ºC~60ºC |
| **Working Humidity** | 0~90% (Non-condensing) |
| **Power Supply** | PoE (802.3af) |
| **Power Consumption** | 3.7W MAX \| 5.4W MAX (With IR on) |
| **Dimensions** | ⌀ 97.8 x 57.9 mm |
| **Weight** | Approx. 200g |
| **Certification** | CE \| FCC \| 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 ϕ105-127mm(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



**A71 Wall Mount**

Weight: 530g
Dimension: 162*124*78mm
Installation Environment: Used to install cameras on an wall or vertical structure



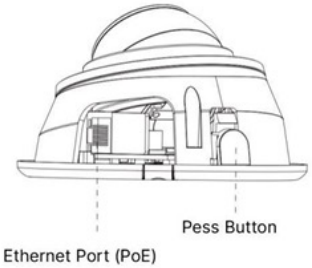
**A82 Recessed Mount**

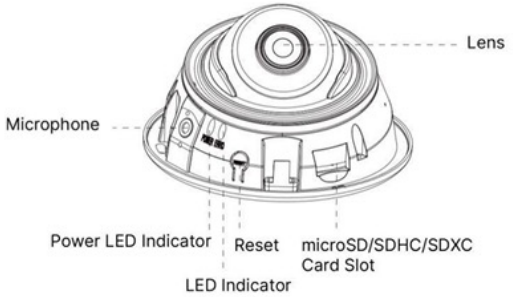
Weight: 475g
Dimension: Φ168.9*91.3mm
Installation Environment: For in-ceiling installations

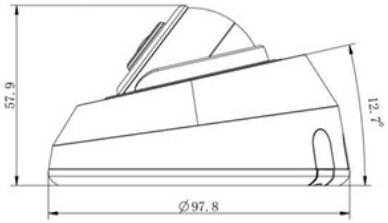
# Dimension

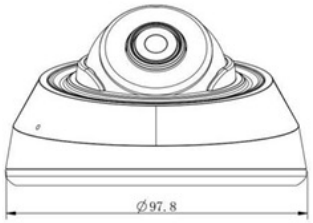


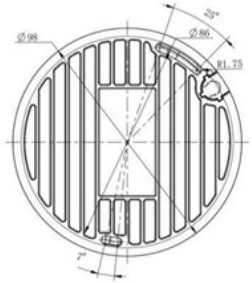


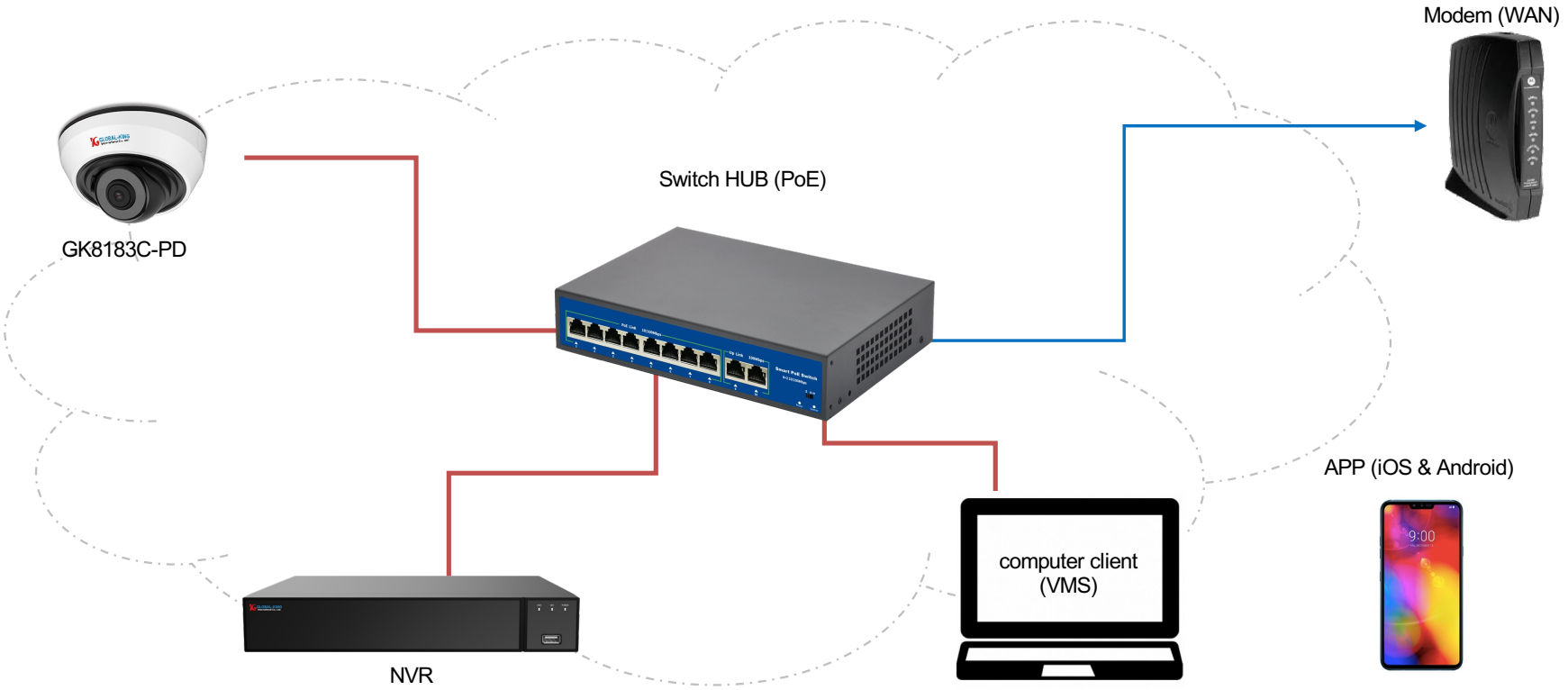

AI IR Mini Dome Network Camera | Dimensions

# Architecture diagram

## AI IR Mini Dome Network Camera | Infrastructure

- IP Camera (GK8183C-PD)
- Switch HUB (PoE)
- NVR
- VMS Software
- APP (iOS & Android)
- Internet (ISP modem)

# Infrastructure




AI IR Mini Dome Network Camera | Infrastructure



# ThankYou

2026/4/8

+886-2-77303779

service@global-king.com

www.global-king.net

GLOBAL-KING
International Co, Ltd.