

Global-King Wireless Camera

Fisheye Network Cameras



Feature

Model : GK5850NL-LMDE360-1V

Feature

- Compliant with NDAA standards
- High quality imaging with 5MP resolution
- 1/2.8" SONY Starvis2 Back-illuminated CMOS sensor
- Support H.264 /H.264+ /H.265 /H.265+ /MJPEG Compression
- Minimum Illumination : 0.001 Lux@(F1.6, AGC ON)
- Support WDR : 120dB
- Housing : Body Metal | Bracket Plastic
- 180° panoramic fisheye lens
- AI Function | AI ISP for full-color imaging in low light
- 3.2T high computing power
- Wi-Fi 6 (2.4G/5G), Hotspot
- External SD Card Slot | 2-Way Audio | Alarm I/O



Specification

Products Specification

Model	GK5850NL-LMDE360-1V
Image Sensor	1/2.8" SONY Starvis2 Back-illuminated CMOS sensor
Resolution	5MP
Effective Pixels	2608(H) x 1964(V)
Compression	H.264 H.264+ H.265 H.265+ JPEG AVI
Audio Compression	G711A G711U AAC MP2L2
TV System	NTSC PAL
Electronic Shutter Time	1/25(30) ~ 1/100,000s
Minimum Illumination	Color : 0.001 Lux@(F2.0, AGC ON) B/W : 0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	N/A
Focal Length & FOV	1.1 mm Horizontal FOV : 180° Vertical FOV : 180° Diagonal FOV : 180°
Focus Length	Board Lens 1.1mm
Focus Control	Fixed
Aperture	Fixed
Pixels	5MP
Infrared LED	1PCS 42μx
Infrared Distance	25M
IR Status	Auto Control
IR Power On	Smart Manual Timed mode
Ethernet	RJ-45 (10/100Base-T)

Protocol	TCP/IP IPv4/v6 ICMP HTTP HTTPS FTP DHCP DNS DDNS RTP RTSP RTMP RTCP PPPoE NTP SMTP UDP SNMP Qos 802.1x
ONVIF	Support ONVIF 24.12 (Profile S&T&G&M)
P2P	Support
POE	Internal Support IEEE 802.3af
Video Delay	0.3s (Within the Lan)
Main Stream 1	Mode 1 : Fisheye Fisheye Main Stream : 1920x1920@60fps 1440x1440@60fps 1080x1080@60fps Mode 2 : Panorama Panorama Main Stream : 2592x1944@60fps 2560x1440@60fps 1920x1080@60fps 1280x720@60fps
Main Stream 2	Mode 3 : Fisheye+Panorama+3 PTZ Fisheye Main Stream : 1920x1920@30fps 1440x1440@30fps 1080x1080@30fps Panorama Main Stream : 2592x1944@30fps 2560x1440@30fps 1920x1080@30fps 1280x720@30fps 3 PTZ Main Stream : 1280x720@30fps 720x480@30fps 640x480@30fps Mode 4 : Fisheye+4 PTZ Fisheye Main Stream : 1920x1920@30fps 1440x1440@30fps 1080x1080@30fps 4 PTZ Main Stream : 1280x720@30fps 720x480@30fps 640x480@30fps
Main Stream 3	Mode 5 : Fisheye+4 PTZS Fisheye Main Stream : 1920x1920@30fps 1440x1440@30fps 1080x1080@30fps 4 PTZS Main Stream : 2560x1440@30fps
Sub Stream 1	Mode 1 : Fisheye Fisheye Sub Stream : 1080x1080@30fps 720x720@30fps 480x480@30fps Mode 2 : Panorama Panorama Sub Stream : 1280x720@30fps 720x480@30fps
Sub Stream 2	Mode 3 : Fisheye+Panorama+3 PTZ Fisheye Sub Stream : 1080x1080@30fps 720x720@30fps 480x480@30fps Panorama Sub Stream : 1280x720@30fps 720x480@30fps Mode 4 : Fisheye+4 PTZ Fisheye Sub Stream : 1080x1080@30fps 720x720@30fps 480x480@30fps

Sub Stream 3	Mode 5 : Fisheye+4 PTZ Fisheye Sub Stream : 1080x1080@30fps 720x720@30fps 480x480@30fps 4 PTZ Sub Stream : 1280x720@30fps
Tri Stream	Mode 1 : Fisheye Fisheye Tertiary Stream : 720x720@30fps 480x480@30fps 360x360@30fps Mode 2 : Panorama Panorama Tertiary Stream : 1280x720@30fps 720x480@30fps Mode 3 : Fisheye+Panorama+3 PTZ Fisheye Tertiary Stream : 720x720@30fps 480x480@30fps 360x360@30fps Panorama Tertiary Stream : 1280x720@30fps 720x480@30fps Mode 4 : Fisheye+4 PTZ Fisheye Tertiary Stream : 720x720@30fps 480x480@30fps 360x360@30fps Mode 5 : Fisheye+4 PTZ Fisheye Tertiary Stream : 720x720@30fps 480x480@30fps 360x360@30fps 4 PTZ Tertiary Stream : 720x480@30fps
IE Brower	Microsoft Edge IE11, Google Chrome Firefox Mac Safari
Smart Phone	iPhone Android
Intelligent Analysis	Intrusion Detection Line Crossing Detection Enter Area Detection Leave Area Detection Line Crossing Count Loitering Detection People Gathering Detection Motion Detection Heat Map (based on human detection) Abandoned Object Detection Removed Object Detection
Day/Night	Color B&W (IR-CUT)
Image Config	Saturation Brightness Contrast Sharpness Mirror 3D NR White Balance Anti Flicker Video Tampering HLC Scene Change Detection
ROI	Support
Defog Mode	Support
BLC	Support
WDR	120dB
Motion Detection	Support (support enable the detection based on human and Vehicle movement)
Privacy Masking	3 Rectangular Zone

Recording Mode	NVR CMS Web
Audio	Default : Two Way Audio
Alarm	Default : Alarm I/O
SD Card Slot	External Support Max 512GB Built in 4G Storage
Housing	Body : Metal Bracket : Plastic
Operation Temperature	-30°C ~ +60°C RH95% Max
Storage Temperature	-30°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C
Power Source	DC12V±10% 487mA
Dimension	ø120 x 49(H) mm
Weight	450g
Certification	CE FCC NDAA

Information correct as of print.

Slight specification variations may occur due to product enhancement to optimize functionality

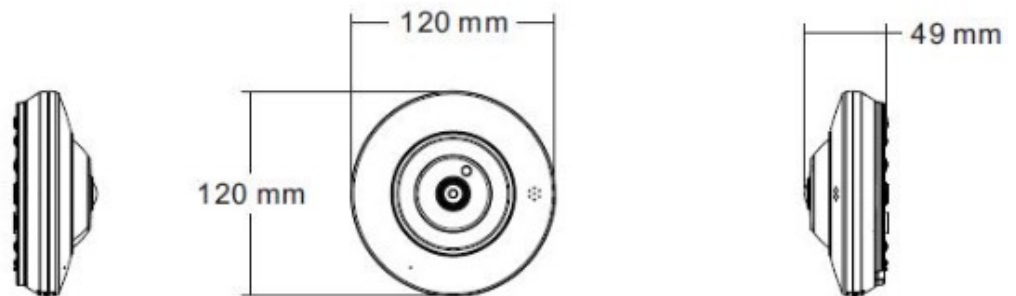


Model	Product Name	Description
GK5850NL-LMDE360-1V	Fisheye Network Cameras	1.1 mm PoE SD Card Audio Alarm

Order Model

Product order model

| Product Dimensions



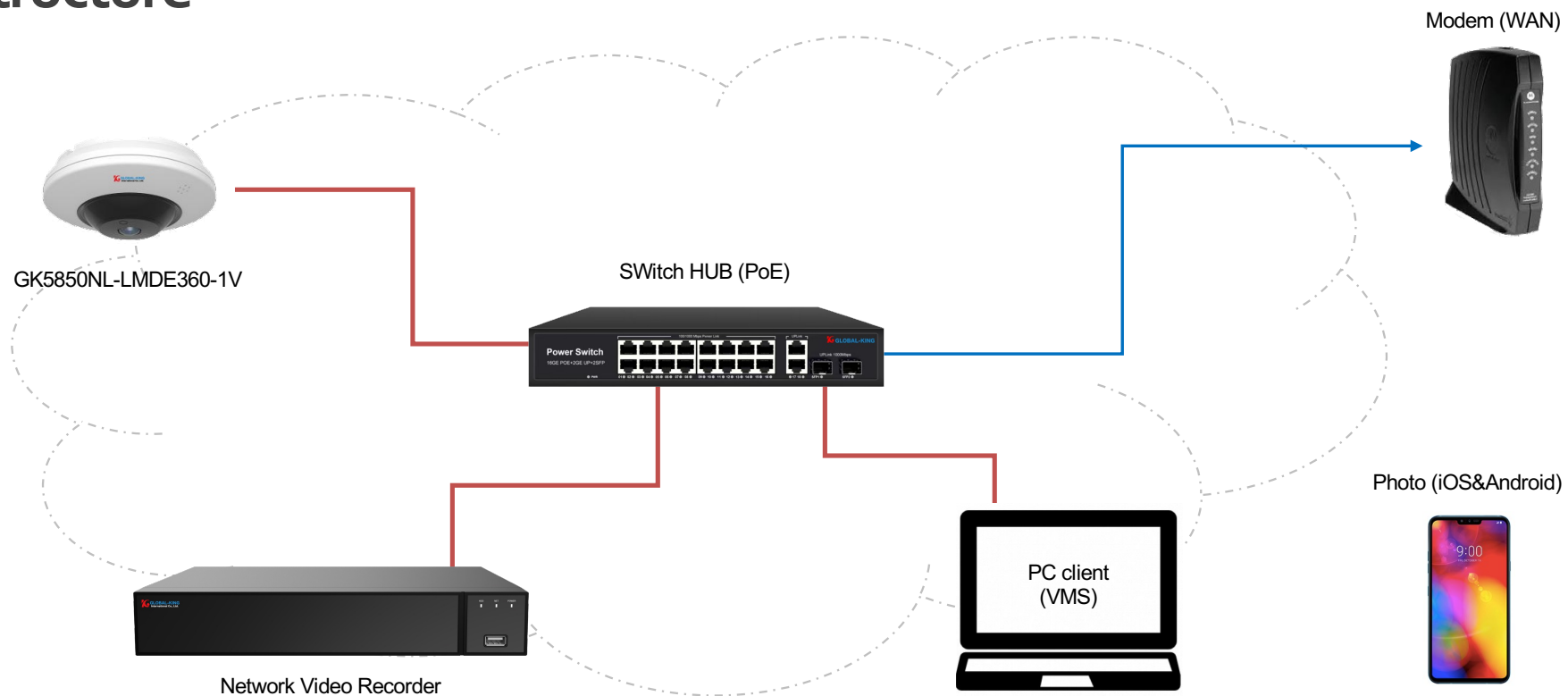
Fisheye Network Cameras | Dimensions

Basic Configuration

Fisheye Network Cameras | Infrastructure

- IP Camera (GK5850NL-LMDE360-1V)
- WiFi Router or Switch HUB (PoE)
- NVR
- PC (VMS software)
- mobile (iOS&Android)
- Internet device (ISP)

Infrastructure



Fisheye Network Cameras | Infrastructure



Thank You

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+886-2-77303779



service@global-king.com



www.global-king.net



GLOBAL-KING
International Co., Ltd.

