GLOBAL-KING
International Co., Ltd.

Global-King Network Camera

Dual Lens Panoramic Network Camera

Feature

Model： GK5816KS-CMLF4-8RC

Feature

- NDAA Compliance
- High quality imaging with 8MP resolution
- 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor
- Support H.264 /H.264+ /H.265 /H.265+ /MJPEG Compression
- 4mm Fixed focal lens
- Housing：Metal & Plastic & IP67
- 200° wide angle, dynamic splicing and seamless connection
- Built-in MIC & Speaker
- Smart Hybrid Light (IR+ Warm lights)
- Red & Blue Flashing Light and Sound Alarm
- External SD Card Slot & Reset on the board
- AI Function

Specification

Products Specification

Model	GK5816KS-CMLF4-8RC
Image Sensor	1/1.8" SONY Starvis Back-illuminated CMOS Sensor
Resolution	16MP
Effective Pixels	3856(H) x 2180(V)｜2Pcs
Compression	H.264｜H.264+｜H.265｜H.265+｜JPEG｜AVI
Audio Encoding Format	G711A｜G711U｜AAC｜MP2L2
TV System	NTSC｜PAL
Electronic Shutter Time	1/3~1/100,000s
Minimum Illumination	Color：0.01 Lux (F1.0, AGC ON) / 0 Lux white light｜B/W：0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Support
Focus Length	Fixed focal lens｜4.0 mm
Focal Length & FOV	Horizontal FOV：201°｜Vertical FOV：59°
Focus Control	Fixed
Aperture	F1.0
Lens Pixels	8MP
Infrared LED	IR：4PCS｜Warm light：4PCS
Infrared Distance	IR：50M｜Warm light：50M
IR Status	Auto
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	300ms (Within the Lan)
Main Stream 1	7680x2160@20fps
Main Stream 2	4096x1152@20fps
Main Stream 3	N/A
Sub Stream 1	2560x720@20fps
Sub Stream 2	N/A
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 (based on human, vehicle and non-motor vehicle detection) | Loitering Detection | People Gathering Detection (based on human detection) | Motion Detection (supports the detection based on human, vehicle and non-motor vehicle movement) | Illegal Parking(based on vehicle shape and license plates) | License Plate Detection | Abandoned Object Detection | Removed Object Detection | Heat Map | Fire Detection | Video Structured Analytics
Day/Night	Color | B&W (IR-CUT)
Image Config	Saturation | Brightness | Contrast | Sharpness | 3D NR | White Balance | Anti Flicker | Video Tampering | HLC | Distortion (Default enable, not configurable) | Scene Change Detection
Full Color	Support
Corridor Pattern	N/A
Defog Mode	Support
ROI	Support

BLC	Support
WDR	N/A
Motion Detection	Support (support enable the detection based on human movement only)
	3 Rectangular Zone
Recording Mode	NVR｜VMS｜WEB
Privacy Masking	3 Rectangular Zone
Audio	Default：Built in Mic+Built in Speaker｜Option：Audio I/O｜Support Sound Detection
Alarm	Default：Alarm I/O
SD Card Slot	Default：External SD card slot (Max 512GB)
Housing	Metal+Plastic｜IP67
Anti-cut Bracket	N/A
Operation Temperature	-30ºC ~ +60ºC｜RH95% Max
Storage Temperature	-30ºC ~ +60ºC｜RH95% Max
Power	DC12V±10%｜950mA
Dimension	⌀152 x156.28(H) mm
Weight	1463g
Certification	CE｜FCC｜IP67｜NDAA

Information correct as of print.
Slight specification variations may occur due to product enhancement to optimize functionality

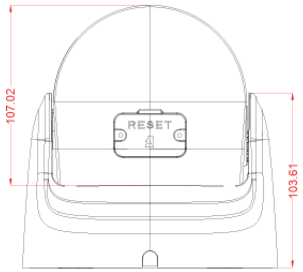
Order Model

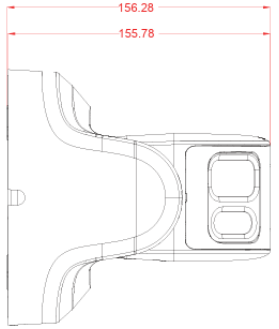
Product order model

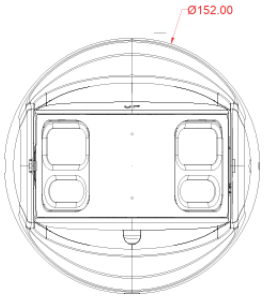
Model	Product Name	Specifications
GK5816KS-CMLF4-8RC	Dual Lens Panoramic Network Camera	2 (4.0 mm) | POE | MIC | SD
MC195	Junction BOX	

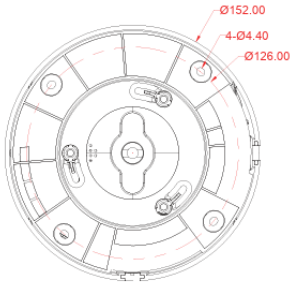
MC195
Junction BOX

Product Dimension









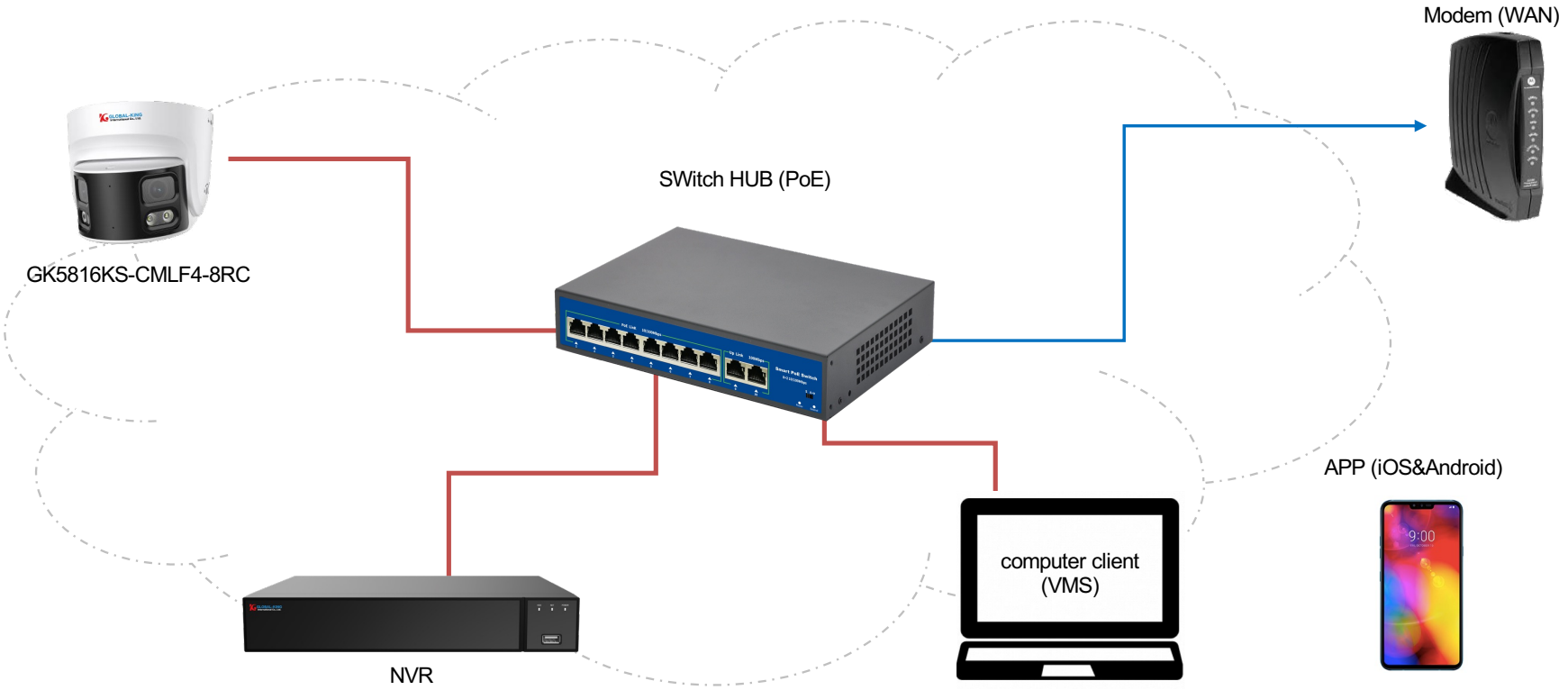
Dual Lens Panoramic Network Camera | Dimensions

Architecture diagram

Dual Lens Panoramic Network Camera | Infrastructure

- IP Camera (GK5816KS-CMLF4-8RC)
- Switch HUB (PoE)
- NVR
- Computer (VMS client software)
- APP (iOS & Android)
- Internet (ISP modem)

Infrastructure



Dual Lens Panoramic Network Camera | Infrastructure

ThankYou

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