

GS-K796-RH5AS-AF1

5MP Outdoor AI IPC POE Full Color 10X AF & ALPR Bullet Camera



- 5MP High Performance CMOS
- Up to 2592*1944 Resolution
- 8PCS White LED
- 5-50mm AF
- ONVIF 2.4
- Multi-Platform Monitoring
- Supports 3D DNR/AWB/Exposure
- Full-color night vision
- Metal Housing
- Support POE
- IP66

The GS-K796-RH5AS-AF1 5MP Outdoor AI IPC POE Full Color 10X AF & ALPR Bullet Camera provides high definition analog output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

8PCS White LED provides a good interface and good effective for night vision.

The 5-50mm AF lenses can 10X AF Optical Zoom for viewing angles that fit any situation. D-WDR (Digital-Wide Dynamic Range) and 3D-DNR ensure that ideal images are in good conditions for both day and night vision.

2.5T computing power, built-in algorithm large model. Supports license plate capture and recognition, capable of identifying license plate color, license plate information, and vehicle model information; scalable for traffic flow statistics, etc.



Specifications

GS-K796-RH5AS-AFI

Camera	
Image Sensor	5.0 MP CMOS IMX335
Signal System	PAL/NTSC
Effective Resolution	2592H*1944V
Minimum Illumination	0.1lux, 0 lux with IR
Shutter Speed	AUTO/ 1/25-1/10000sec
Lens	10X AF 5mm-50mm
Horizontal Field of View	90° (5 mm), 30° (50 mm)
Day/Night	Full Color
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
WDR	D-WDR
White balance	Support auto white balance
Image Enhancement	3N-DNR/D-WDR/BLC/HLC
General Function	Mirror, Privacy shelter, Human Detection, vehicle detection functions
OSD	Support OSD setting, drag the position freely
License plate recognition	
License Plate Recognition Mode	Supports automatic and manual modes; Automatic mode balances monitoring and license plate recognition, clearly capturing the surrounding environment when no license plate is present, and adjusting the aperture/light intake upon detecting a license plate. Manual mode allows for customizable capture speed, with adjustments based on fill light and environmental conditions. Supports license plate capture and customized recognition. Expands functionalities related to vehicles and license plates..
Recognition method	License plate structured algorithm recognition.
Output information	Supports license plate number recognition and OSD overlay display of license plate information.
Vehicle speed	Daytime: below 120 km/h; Nighttime: below 80 km/h.
Recognition distance	5-50mm lens: 3-120 meters;
Function linkage	Supports voice broadcast, linkage alarm signal output, TF card snapshot, TF card video recording, and FTP upload.
Installation requirements	Requires a stable lighting environment. For environments that do not meet this condition, additional LED fill lights are needed to illuminate the vehicle body. The camera should be positioned facing the direction of oncoming traffic to capture images of the front license plates. If the installation angle is wide, only the 1 or 2 lanes closest to the camera can be recognized. This can be configured using the region settings.
Video	
Compression	H.264, H.265
Main stream	5MP(2592*1944)
Sub-stream	720P
Frame rate	5MP 30fps.
Video Adjustment	Brightness, saturation, chroma, contrast and sharpness adjustment
Network	
Ethernet	RJ-45 10M/100M self-adaption
Protocol	ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, FTP, MQTT, HTTP/HTTPSFilter
Access protocol	ONVIF protocol/Private protocol/CGI/P2P protocol
User/Host	3 x main stream, 3 x sub stream
Client	IOS, Android, Windows
Interface	
Communication Interface	1-port RJ45 10M/100M self-adaptive Ethernet port
Alarm output	Support
On-Board Storage	N/A
Reset Button	N/A
General	
Operating Conditions	-4° F to 140° F (-20° C to 60° C), humidity: 90% or less (non-condensation)
Power Supply	12V DC / POE 48V
Power Consumption	Maximum: 6 W
IR Range	Up to 65 ft (20 m)
Protection Level	IP66
Communication	Up-the-Coaxial

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