

## GS-K780-RW5E-AF1

### 5MP Outdoor AI IPC POE SMART LIGHT 10X AF & Face Recognition Bullet Camera



The GS-K780-RW5E-AF1 5MP Outdoor AI IPC POE SMART LIGHT 10X AF & Face Recognition Bullet Camera provides high definition analog output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

4PCS Array IR + 4PCS 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.

Supports face capture, face recognition, and detection of people, vehicles, and non-motorized vehicles. It also enables various AI applications such as electronic fencing, cross-boundary detection, people counting, and vehicle counting.

- 5MP High Performance CMOS
- Up to 2592\*1944 Resolution
- 4PCS Array IR + 4PCS White LED
- 5-50mm AF
- ONVIF 2.4
- Multi-Platform Monitoring
- Supports 3D DNR/AWB/Exposure
- Smart colorful night vision
- Metal Housing
- Support POE
- IP66



# Specifications

## GS-K780-RW5E-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	Support D/N switching (IR-CUT optional)
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
Smart Functions	
Smart Detection	Can detect people/vehicles for intelligent alerts. Expanded AI applications: electronic fencing, cross-boundary detection, people counting, vehicle counting, alarm.
Face Recognition	
Face Capture	Supports face deduplication, with configurable quick capture, quality capture, and custom modes. Quick Capture: Quickly pushes images of detected faces. Quality Capture: Pushes the best-quality face image from the detection period. Face quality adjustable; supports detection and tracking of up to 6 faces per frame. Captures up to 6 people simultaneously; minimum face pixel size for capture: 20*20. Supports output of person attributes: gender, age, hat wearing status, glasses wearing status.
Face Comparison	Supports face comparison function, with alerts for whitelist, blacklist, visitors, and strangers. Supports comparison function, allowing face databases to be uploaded to the device via EasyVMS or App, and supports standalone face comparison use. Supports configuring alert rules via EasyVMS or App, and supports receiving alert messages.
Face Database Capacity	Supports a face database of up to 5,000 images (when used with EasyVMS and App).
Recognition Distance	5-50mm lens: 3-120 meters;
Function Linkage	Supports voice broadcast, alarm output, TF card snapshot, TF card recording, and FTP upload. Supports reporting via MQTT and HTTP protocols.
Installation Requirements	Ensure the camera can capture clear frontal faces of all individuals entering or leaving. Maintain stable lighting conditions; overly bright or dark environments may cause inaccuracies.
Video	
Compression	H.264, H.265
Main stream	5MP(2592*1944)
Sub-stream	448P
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, GB/T-28181, MQTT, HTTP/HTTPS
Access protocol	ONVIF protocol/Private protocol/CGI/P2P protocol
User/Host	Up to 4 users
Client	IOS, Android, Windows
Interface	
Communication Interface	1-port RJ45 10M/100M self-adaptive Ethernet port
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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