

## GS-K581-APD

### 4MP Indoor AI IPC SMART LIGHT Dome Camera



The GS-K581-APD 4MP Indoor AI IPC SMART LIGHT Dome Camera provides high definition analog output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

3PCS Array IR + 3PCS White LED provides a good interface and good effective for night vision.

The 4 mm and optional 2.8/6 mm lenses are optimized 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.

- 4MP High Performance CMOS
- Up to 2560\*1440 Resolution
- 4 mm Lens (2.8mm/6mm Optional)
- 3PCS Array IR + 3PCS White LED
- ONVIF 2.4
- Support POE
- Multi-Platform Monitoring
- Supports 3D DNR/AWB/Exposure
- Smart colorful night vision
- Plastic Housing
- IP66



# Specifications

## GS-K581-APD

Camera	
Image Sensor	4.0 MP CMOS GC2083
Signal System	PAL/NTSC
Effective Resolution	2560H*1440V
Minimum Illumination	0.1lux, 0 lux with IR
Shutter Speed	AUTO/ 1/25-1/10000sec
Lens	4 mm (2.8/6 mm optional)
Horizontal Field of View	82.6° (3.6 mm), 54.4° (6 mm)
Day/Night	Support D/N switching (IR-CUT optional)
Angle Adjustment	Pan/ Rotate:0° to 360°; Tilt: 0° to 75°
WDR	D-WDR
White balance	Support auto white balance
Image Enhancement	3N-DNR/D-WDR/BLC/HLC
General Function	Mirror, Human Detection, Vehicle Detection, AI box display ,Voice recording, Restart
OSD	Support OSD setting, drag the position freely
Intelligent function	
AI functions	E-Fence/Cross-line Alarm/Out-area Detection/Person Counting by P6S NVR
Voice Announcements	Support voice broadcast, content can be customized.
Camera alarm function	Light&sound alarm, voice broadcast and alarm output.
Video	
Compression	H.264, H.265
Main stream	4MP(2560*1440)
Sub-stream	448P(800*448)
Frame rate	4MP 20fps; 3MP 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, IP
Access protocol	Support ONVIF/private protocol/CGI/28181
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-Coax
Dimensions	φ 109 mm x 90.78 mm
Weight	Approximately 0.3 kg

© SHENZHEN GRANDSECU TECHNOLOGY CO., LTD • All Rights Reserved • Specifications subject to change without notice.

Address: No.11 Xiantian Road, Xincheng Community, Longgang District, Shenzhen, China 518116

Tel: +86-755-2851-0749 • E-Mail: info@grandsecu.cn • Website: www.grandsecu.cn

**GRANDSECU®**