

## SM-IP2G501AKD

2MP Fixed Color Maker Turret Camera

AK Series



### KEY FEATURES

- Plastic housing
- Up to 2MP, 1920×1080@30fps
- S+265/H.265/H.264B/H.264M/H.264H
- Color: 0.02Lux@(F1.6, AGC ON), B/W: 0Lux with IR
- IR range up to 30m
- Built-in Mic
- Operating conditions -30°C~60°C(-22°F~140°F), ≤95%RH
- PoE: IEEE 802.3af, Max. 3W

## SPECIFICATIONS

### Camera

Image Sensor	1/3"CMOS
Min. Illumination	Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	DWDR
S/N	>47.8dB
Angle Adjustment	0~340°(P); 0~75°(T); 0~360°(R)

### Lens

Lens Type	Fixed focal lens
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F1.6
Aperture Type	Fixed
Field of View	94.4°(H); 53.2°(V); 108.2°(D)
DORI Distance	Detect:41.48m Observe:16.46m Recognize:8.3m Identify:4.1m

### Illuminator

IR LEDs	2
IR Distance	Up to 30m
Wavelength	850nm
White LEDs	2
Whitelight Distance	Up to 15m

### Compression Standard

Video Compression	S+265/H.265/H.264B/H.264M/H.264H
Video Bit Rate	32k~4Mbps
Audio Compression	G.711A/G.711U
Audio Sampling Rate	8kHz

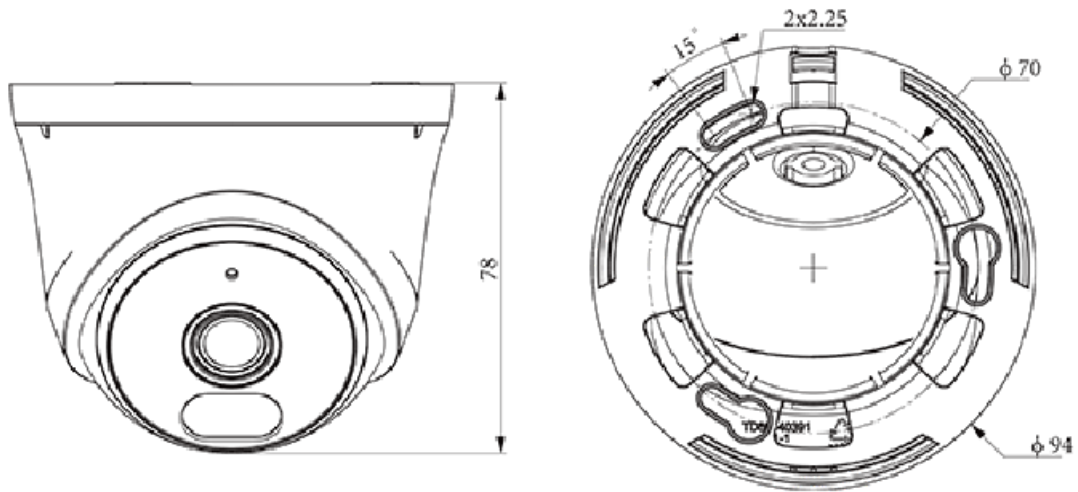
### Image

Max. Resolution	2MP,1920×1080@30fps
Main Stream	PAL:25fps(1920×1080, 1280×720, 704×576, 640×480) NTSC:30fps(1920×1080, 1280×720, 704×480, 640×480)
Sub Stream	PAL:25fps(704×576, 704×288, 640×360, 352×288) NTSC:30fps(704×480, 704×240, 640×360, 352×240)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes

White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
OSD	Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters or 16 Chinese characters per region; 16*16/32*32/48*48
Privacy Mask	4 black static areas
Defog	Yes
<b>Feature</b>	
General Alarm	Motion Detection
Exceptions Alarm	IP Address Conflict
<b>Network</b>	
Protocols	HTTP; TCP/IP; UDP; ICMP; DHCP; DNS; NTP; IPv4; Telnet; Unicast; RTSP
System Compatibility	ONVIF(Profile S/T) ; SDK; CGI; Milestone; RTSP
Remote Connection	≤2
Client	NETVideo VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
<b>Interface</b>	
Communication Interface	1*RJ-45 (10/100 Base-T)
Built-in Mic	Yes
<b>General</b>	
Web Client Language	English
Operating Temperature	-30°C~60°C(-22°F~140°F)
Operating Humidity	≤95%RH
Storage Temperature	-30°C~60°C(-22°F~140°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	PoE:IEEE 802.3af,Max. 3W
Protection	Surge4000V; ESD6000V
Boundary Dimensions	94(L)94(W)78(H)mm
Package Dimensions	105(L)105(W)85(H)mm
GrossWeight	0.17kg

# Simaran

## DIMENSIONS (Unit: mm)



## Assembly diagram of Junction Box

