

DATASHEET

IPOD-SBE8IR28A

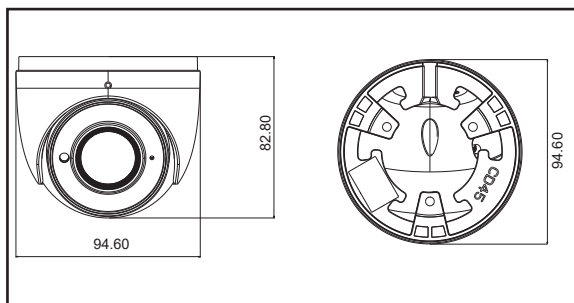
8MP 4K IP Dome Camera



Features

- 8MP (3840 × 2160) H.265 coding
- Max.resolution: 3840 × 2160
- ICR auto switch, true day / night, ROI coding
- 3D DNR, digital WDR, HLC, BLC, Smart IR, defog
- 20~30m IR night view distance
- Support smart phone, iPad, remote monitoring
- DC12V/PoE power supply
- P2P function optional
- IP 67 ingress protection
- Support three streams
- Smart analytics (optional): object removal detection, abnormal video signal detection, line crossing detection and region intrusion detection,

Dimensions



Mounting Accessories



JB-SB301
Junction Box



WM-SB203
Wall Mount

Specifications

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Camera	
Image Sensor	1 / 2.5 "CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.068 lux @ F2.0, AGC ON; 0 lux with IR 0.024 lux @ F1.2, AGC ON; 0 lux with IR
Lens	2.8mm
Lens Mount	M12
Wide Dynamic Range	Digital WDR
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°
Image	
Video Compression	H.265 / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP (3840 × 2160), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz : 8MP(1~20fps)/ 2K(1~30fps)/ 3MP(1~30fps)/ 1080P(1~30fps)/ 720P(1~30fps) 50Hz : 8MP(1~20fps)/2K (1~25fps) /3MP (1~25fps) / 1080P (1~25fps) / 720P (1~25fps)
Sub Stream	60Hz : 1080P/720P/D1(1~30fps); 50Hz:1080P/720P/D1(1~25fps)
Third Stream	60Hz : 720P/D1/CIF/480x240 (1~30fps); 50Hz: 720P/D1/CIF/480x240 (1~25fps)
Bit Rate	128 Kbps ~ 10 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast,Wide Dynamic, Sharpen, NR,etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Video Output	No
Audio	No
Storage	No
Hardware Reset	No
Functions	
Remote Monitoring	Web browsing,CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	Network remote storage
Smart Alarm	Motion detection
Intelligent Analytics	Region intrusion detection, object removal detection, abnormal video detection and line crossing detection (optional)
General function	Watermark, IP address filtering, video mask, heartbeat, password protection
PoE	Yes
IR Distance	20 ~ 30 m
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 6W
Operating Environment	- 30 °C ~ 60 °C (-22°F ~ 140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Φ 94.6 × 82.8
Weight (net)	Approx. 0.45KG
Installation	Ceiling mounting (Wall mounting available with the junction box and bracket)