

DATASHEET

IPVD-SB5IRZA

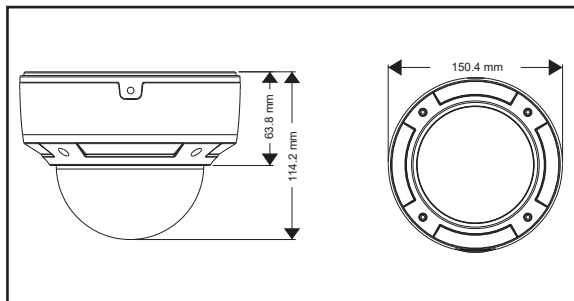
5MP IP Motorized Vandal Dome



Features

- 5MP (2592 × 1944) H.265 full real time coding
- Max. resolution: 2592 × 1944; ICR auto switch, true day / night
- 20 ~ 30m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Smart IR and ROI coding
- 1CH audio input, 1CH audio output
- Built-in micro SD card slot, up to 128GB; Hardware reset
- 1CH alarm input; 1CH alarm output; RS485
- DC12V/PoE power supply
- IP66 & IK10 ingress protection; Support three streams
- P2P function optional
- Support face detection
- Smart analytics (optional): object removal detection, abnormal video signal detection, line crossing detection, region intrusion detection, people intrusion detection, people counting detection and crowd density detection

Dimensions



Mounting Accessories



JB-SB303
Junction Box



JB-SB303 + PEN-SB812
Ceiling Mount

Specifications

IPVD-SB5IRZA

Camera	
Image Sensor	1 / 2.5" CMOS
Image Size	2592 × 1944
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.036 lux @ F2.0, AGC ON; 0 lux with IR 0.013 lux @ F1.2, AGC ON; 0 lux with IR
Lens	3.3 mm ~ 12mm @ F1.4, horizontal field of view: 93.9° ~ 34.8°
Lens Mount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 77°; Rotation: 0° ~ 360°
Image	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, (480 × 240)
Main Stream	60Hz: 5MP (1~30fps)/4MP (1~30fps)/2K (1~30fps), 3MP (1~30fps)/1080P (1~30fps)/720P (1~30fps), 50Hz: 5MP (1~25fps)/4MP (1~25fps)/2K (1~25fps), 3MP (1~25fps)/1080P (1~25fps)/720P (1~25fps)
Sub Stream	60Hz: 720P(1~15fps)/D1(1~30fps)/CIF (1~30fps); 50Hz: 720P(1~15fps)/D1(1~25fps)/CIF (1~25fps)
Third Stream	60Hz: D1/CIF/480 × 240 (1~30fps); 50Hz: D1/CIF/480 × 240 (1~25fps)
High Frame Rate Mode	Main stream: 1080P/720P(1~60fps/1~50fps) (only available for manual zoom camera)
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	CVBS output (BNC × 1); on-board CVBS output × 1
Audio	1CH audio input; 1CH audio output
Storage	Built-in micro SD card slot; up to 128GB
Hardware Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
RS 485	Yes
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, HTTP, HTTPS, QoS
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection; Sensor alarm; SD card error; SD card full; IP conflict; Network disconnection
Face Detection	Yes
Intelligent Analytics	Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density detection (optional)
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection
PoE	Yes
IR Distance	20 ~ 30 m
Ingress Protection	IP66&IK10
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9.5W
Operating Environment	-30 °C ~ 60 °C (-22 °F ~ 140 °F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Φ 150.4 × 114.2
Weight (net)	Approx. 1.03KG