

# IPVD-SB8IRZ: Specifications

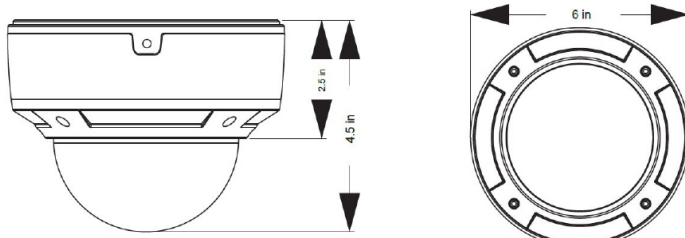
8mp IP Vandal-proof Dome Weatherproof with IR & Motorized Zoom



## Key Features:

- 8 Mega Pixel ( 3840 x 2160 )
- H.265 video encoding
- 3.3~12mm Motorized Zoom
- IP66 & IK10 ingress protection
- ICR auto switch, true day / night
- 65 ~ 98 feet IR night view distance
- 3D DNR, digital WDR
- ROI coding
- Supports local CVBS video output and Two-way audio
- Supports PoE power supply
- Supports smart phone, iPad, remote monitoring
- Supports three streams

## Dimensions:



## Compatible Camera Mounts:



Part#: JB-SB-VDR



Part#: WM-SB-VD

Specification Subject to change without Notice\*

Model#: IPVD-SB8IRZ	
<b>Camera</b>	
Image Sensor	1 / 2.5 "CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 25 s - 1 / 100000 s
Min. Illumination	0.01 lux @F1.2, AGC ON; 0 lux with IR
Lens	3.3 ~ 12 mm @F1.4, horizontal field of view : 97.5° ~ 38.5°
Lens Mount	φ 14
Day & Night	ICR
Wide Dynamic Range	Digital WDR
BLC	Yes
HLC	Yes
Defogging	Yes
Digital NR	2D / 3D DNR
Angle Adjustment	Pan : 0°~360°, Tilt : 0°~77°, Rotation : 0°~360°
<b>Image</b>	
Video Compression	H.265 MP; H.264 BP / MP / HP; MJPEG
Resolution	8MP ( 3840×2160 ), 1080P ( 1920×1080 ), D1, CIF, 480×240
Main stream	60Hz : 8MP ( 1 ~ 30fps ) 1080P ( 1 ~ 30fps ) / 720P ( 1 ~ 30fps ) 50Hz : 8MP ( 1 ~ 25fps ) / 1080P ( 1 ~ 25fps ) / 720P ( 1 ~ 25fps )
Bit rate	64 Kbps ~ 16 Mbps
Encode Mode	VBR / CBR
Quality	Five levels under VBR; Freely adjustable under CBR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
Audio Compression	G711A / U
ROI	Each ROI to be configured separately
<b>Interfaces</b>	
Network	RJ45 × 1, 10M / 100M self-adaption
Audio	Two-way audio ( MIC IN × 1, MIC OUT × 1 )
Video Output	CVBS video output ( BNC × 1 )
Storage Card	Support TF card, up to 128GB
RS485	Yes
Alarm	Input: 1ch Output: 1ch
<b>Functions</b>	
Remote Monitoring	IE browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Protocol	TCP / IP, UDP, DHCP, NTP, R Protocol TSP, PPPoE, DDNS, SMTP, FTP
Interface Protocol	ONVIF, GB-T/28181-2011
Storage	TF card local storage, network remote storage
Smart Alarm	Motion alarm, sensor alarm
Smart Analysis	Object removal detection, line crossing detection and intrusion detection, etc.
PTZ	RS485 × 1
PoE	Yes
IR Distance	65-95ft (20-30m)
Water-proof	IP66 IK10
<b>Other</b>	
Power Supply	DC 12V / PoE
Power Consumption	< 4.5W
IR Consumption ON	< 6.5W
Operating Environment	- 20 °C ~ 50 °C, 10 % ~ 90 % humidity
Dimensions ( mm )	ø 150 × 114
Weight ( net )	1027g