

# DATASHEET

## IPOD-SB2WZA-FD

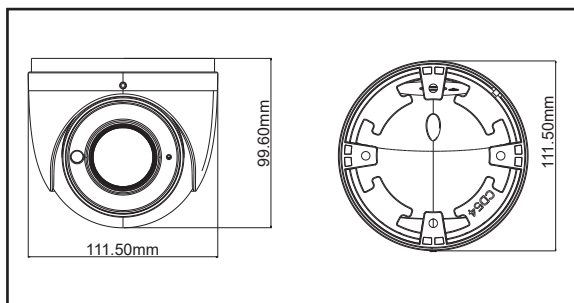
### 2MP Motorized IP Dome



### Features

- Max. resolution: 1920 × 1080
- H.265+/H.265/H264+/H264/MJPEG coding
- 20 ~ 30m white light view distance; Motorized lens
- 3D DNR, digital WDR, BLC, HLC, Defog, ROI coding
- One CVBS output and one on-board CVBS output
- One MIC IN; One built-in MIC; Hardware Reset
- Built-in micro SD card slot, up to 128GB
- DC12V/PoE power supply
- Support smart phone, iPad, remote monitoring
- P2P function optional
- IP67 ingress protection; Support three streams
- Support face detection
- Intelligent 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-SB302  
Junction Box



WM-SB203  
Wall Mount



PEN-SB811  
Pendant Mount

### Specifications

#### IPOD-SB2WZA-FD

| Camera                                                                                              |                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                                                                        | 1 / 2.8" CMOS                                                                                                                                                                          |
| Image Size                                                                                          | 1920 × 1080                                                                                                                                                                            |
| Electronic Shutter                                                                                  | 1 / 25 s ~ 1 / 100000 s                                                                                                                                                                |
| Iris Type                                                                                           | Fixed Iris                                                                                                                                                                             |
| Min. Illumination                                                                                   | 0 lux                                                                                                                                                                                  |
| Lens                                                                                                |                                                                                                                                                                                        |
| 2.8~12mm@F1.4; Horizontal field of view: 93.2°~38.7°<br>Recommended face capturing distance: 1.5~7m |                                                                                                                                                                                        |
| Lens Mount                                                                                          | Φ14                                                                                                                                                                                    |
| Wide Dynamic Range                                                                                  | Digital WDR                                                                                                                                                                            |
| BLC                                                                                                 | Yes                                                                                                                                                                                    |
| HLC                                                                                                 | Yes                                                                                                                                                                                    |
| Defogging                                                                                           | Yes                                                                                                                                                                                    |
| Digital NR                                                                                          | 3D DNR                                                                                                                                                                                 |
| Angle Adjustment                                                                                    | Pan: 0°~360°; Tilt: 0°~80°; 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                                                                                          | 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240                                                                                                                         |
| Main Stream                                                                                         | 60Hz : 1080P/ 720P ( 1 ~ 30fps ); 50Hz : 1080P/ 720P ( 1 ~ 25fps )                                                                                                                     |
| Sub Stream                                                                                          | 60Hz : D1/CIF ( 1~30fps ); 50Hz: D1/CIF ( 1~25fps )                                                                                                                                    |
| Third Stream                                                                                        | 60Hz : CIF/480x240 ( 1~30fps ); 50Hz: CIF/480x240 ( 1~25fps )                                                                                                                          |
| Bit Rate                                                                                            | 128 Kbps ~ 6 Mbps                                                                                                                                                                      |
| Bit Rate Type                                                                                       | VBR / CBR                                                                                                                                                                              |
| 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 video output (BNC × 1); On-board CVBS output × 1                                                                                                                                  |
| Audio                                                                                               | MIC IN × 1; Built-in MIC × 1                                                                                                                                                           |
| Storage                                                                                             | Built-in micro SD card slot, up to 128GB                                                                                                                                               |
| Hardware Reset                                                                                      | Yes                                                                                                                                                                                    |
| Functions                                                                                           |                                                                                                                                                                                        |
| Remote Monitoring                                                                                   | Web browsing, CMS remote control                                                                                                                                                       |
| Online Connection                                                                                   | Support simultaneous monitoring for up to 6 users;<br>Support multi-stream real time transmission                                                                                      |
| Network Protocol                                                                                    | Ipv4, Ipv6, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS                                                                                               |
| Interface Protocol                                                                                  | ONVIF                                                                                                                                                                                  |
| Storage                                                                                             | Network remote storage; micro SD card storage                                                                                                                                          |
| Smart Alarm                                                                                         | Motion detection; SD card error; SD card full                                                                                                                                          |
| Intelligent Analytics                                                                               | Object removal detection, regional intrusion detection, abnormal video detection, line crossing detection, people intrusion, people counting, crowd density, face detection (optional) |
| General function                                                                                    | Watermark, IP address filtering, video mask, heartbeat, password protection                                                                                                            |
| PoE                                                                                                 | Yes (802.3af)                                                                                                                                                                          |
| LED View Distance                                                                                   | 20 ~ 30 m                                                                                                                                                                              |
| Ingress Protection                                                                                  | IP67                                                                                                                                                                                   |
| Face Detection                                                                                      |                                                                                                                                                                                        |
| Face Detection                                                                                      | Pupil distance of a facial image over 20 pixel can be detected                                                                                                                         |
| Face Capturing                                                                                      | By precision detecting, tracing, capturing, scoring and screening the moving faces to get the most effective face snapshots                                                            |
| Panorama Capturing                                                                                  | Support panorama capturing and self-defined information overlay, like device ID, time, etc.                                                                                            |
| Intelligent Light Compensation                                                                      | Built-in high efficient white light LEDs, time switch available                                                                                                                        |