

# DATASHEET

## IPPTZ-SBS3IR16XM

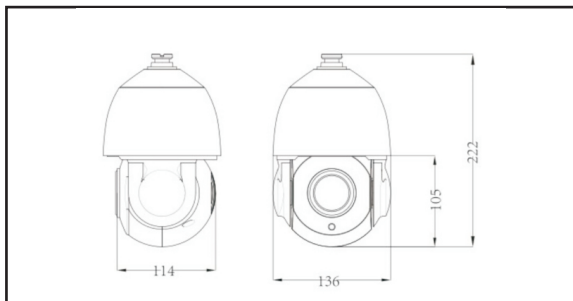
3MP 16x Zoom Mini PTZ W/ IR



### Features

- 1 / 2.8" progressive CMOS, 16x optical zoom
- Auto iris, auto focus, auto white balance, BLC, true WDR and 3D DNR
- HD network video output : 2048 × 1536 @30fps
- H.265 and H.264 image compression format
- TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4 / IPv6
- SD card local storage, network remote storage
- Efficient IR array, low power consumption, up to 50m IR night view distance
- Built-in heat treatment device to lower the inside temperature and avoid fogging of the camera rear cover
- Using 3D intelligent position function through the DVR, client software and web client to realize tracking and amplification
- Power off memory — restoring the PTZ and lens status automatically to its previous status (the status just before the dome is powered off) after the dome is powered on
- IP66 ingress protection; TVS 6KV lightning protection, surge protection
- 1 CH audio input and 1 CH audio output
- less than 0.1° precision error and no image floating at any speed

### Dimensions



### Specifications

| IPPTZ-SBS3IR16XM           |                                                                                    |
|----------------------------|------------------------------------------------------------------------------------|
| Camera                     |                                                                                    |
| Image Sensor               | 1 / 2.8" Progressive Scan CMOS                                                     |
| Effective Pixels           | 3MP                                                                                |
| White Balance              | Auto / Manual                                                                      |
| WDR                        | 120dB                                                                              |
| AGC                        | Auto / Manual                                                                      |
| 3D DNR                     | Yes                                                                                |
| Lens                       |                                                                                    |
| Focal Length               | 5.5 ~ 88 mm                                                                        |
| Function                   |                                                                                    |
| Pan Range                  | 360° endless rotation                                                              |
| Pan Speed                  | Manual control speed: 0.1° ~ 70°/s; preset speed: 120°/s                           |
| Tilt Range                 | 0 ~ 90°                                                                            |
| Tilt Speed                 | Manual control speed: 0.1° ~ 50°/s; preset speed: 50°/s                            |
| Zoom                       | Yes                                                                                |
| Preset                     | 360 presets                                                                        |
| Cruise                     | 8 cruises, 16 presets for each cruise                                              |
| Scan                       | 2 scans                                                                            |
| Track                      | 4 tracks, 3 minutes' recording for each track                                      |
| Time Task                  | Yes                                                                                |
| Home Position              | Yes                                                                                |
| Power Off Memory           | Yes                                                                                |
| IR Function                |                                                                                    |
| IR Distance                | 50 m                                                                               |
| IR Control                 | Brightness and angle of the IR LEDs to be smartly adjusted according to the scenes |
| Network                    |                                                                                    |
| Max Image Size             | 2048 × 1536                                                                        |
| Resolution                 | 3MP ( 2048 × 1536 ), 2MP ( 1920 × 1080 ), 1.3MP ( 1280 × 960 ), VGA ( 640 × 480 )  |
| Video Compression          | H.265 / H.264 / MJPEG                                                              |
| Video Compression Protocol | G.711A / G.711U                                                                    |
| Network Protocol           | TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4 / IPv6                |
| Preview Video channels     | Max 10 CH                                                                          |
| System Integration         |                                                                                    |
| Network Interface          | Built-in RJ45 network port, support 10M / 100M network data                        |
| SD Card Interface          | Built-in Micro SD card slot, support manual recording                              |
| API                        | API, SDK, ONVIF, GB / T28181                                                       |
| Web Client                 | Web 4.0                                                                            |
| General Specifications     |                                                                                    |
| OSD Menu                   | Chinese / English                                                                  |
| Power Supply               | DC12V 3000 mA ( 15W, max 30W )                                                     |
| Working Environment        | -30 ~ 60°C; relative humidity: less than 90%                                       |
| Protection Level           | IP66, IK10, TVS6KV lightning protection, surge protection                          |
| Weight                     | 1.56KG(net); 2.9KG(gross)                                                          |