

## 2MP 25x IR Network PTZ Dome Camera

Model No: SIP-ESPD201

Version 4.2



### Key Features

- 1/2.8" progressive scan CMOS
- Up to 1920×1080 resolution
- 25x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, Smart IR
- Smart IR up to 150m IR distance
- Smart H.265
- PoE+, DC24V or AC24V power supply options
- ONVIF

## Specifications

| Model No           | SIP-ESPD201   | Version 4.2 |
|--------------------|---|-------------|
| <b>Camera</b>      |   |             |
| Image sensor       | 1/2.8" progressive scan CMOS  |             |
| Mini. Illumination | Color 0.005Lux @ (F1.65 AGC ON)<br>B/W 0.001Lux @(F1.65 AGC ON);0Lux with IR                                    |             |
| Iris Control       | DC/ Automatic   |             |
| Image setting      | Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser     |             |
| Focus Control      | Manual / Automatic  |             |
| Shutter Speed      | 1/1 s – 1/10,000 s  |             |
| White Balance      | Auto/Manual/Indoor/Outdoor  |             |
| Gain               | Auto/Manual   |             |
| Day & Night        | IR Cut filter, Auto, Color, Mono  |             |
| Digital Zoom       | 16x   |             |
| Privacy Mask       | 4 Programmable privacy masks  |             |
| 3D DNR             | Auto/Manual   |             |
| BLC                | Yes (ON/OFF)  |             |
| HLC                | Yes (ON/OFF)  |             |
| WDR                | 120 dB  |             |
| Defog              | Electronic  |             |
| EIS                | Yes   |             |
| Picture overlay    | Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format                                   |             |
| <b>Lens</b>        |   |             |
| Focus length       | 4.8-120mm Motorized varifocal lens, 25x optical zoom  |             |
| Zoom Speed         | Approx. 3.6s (optical zoom, wide-tele)  |             |
| Field of View      | Horizontal: 57.6° to 2.5°(wide-tele); Vertical: 34.4° to 1.4°(wide-tele);<br>Diagonal: 64.5° to 2.9°(wide-tele) |             |
| Aperture Range     | F1.65 ~ F3.8 (wide-tele)  |             |
| <b>PTZ</b>         |   |             |
| Pan Range          | 360°endless   |             |

|                        |  |
|------------------------|--|
| Pan speed              | Configurable, from 0.1~80°/s; Preset speed: 150°/s   |
| Tilt Range             | From -3° to 90°  |
| Tilt Speed             | Configurable, from 0.1~ 80°/s, Preset speed: 120°/s  |
| Proportional Zoom      | Yes  |
| Preset                 | 360  |
| Cruise                 | 8 cruises, up to 16 presets for each cruises   |
| Track                  | 4 tracks, record time over 3 minutes for each track  |
| Power off memory       | Support  |
| Action mode            | Preset/Cruise/Track/Auto Scan/Random Scan  |
| 3D Positioning         | Support  |
| PTZ Position Display   | Support  |
| Schedule Task          | Preset/Cruise/Track/Random Scan/Boundary Scanning /Dome reboot   |
| <b>IR</b>              |  |
| IR Distance            | 150m (492 f.t.)  |
| Smart IR               | Yes, support facial exposure   |
| <b>Network</b>         |  |
| Max Resolution         | 1920×1080  |
| Main stream            | 1920×1080,1280×960,1280×720 (25/30fps)   |
| Sub stream             | 25fps (704 × 576, 640 × 480, 352 × 288)<br>30fps (704 × 480, 640 × 480, 352 × 240)   |
| Third Stream           | 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)<br>30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| SVC                    | Yes  |
| Video compression      | Smart H.265+/H.265/H.264/MJPEG   |
| Audio compression      | G.711 A/U  |
| Audio Enhancement      | No   |
| Protocols              | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE                              |
| Simultaneous live view | Up to 6 channels   |

|                          |   |
|--------------------------|---|
| User / Host              | Up to 16 users, 3 levels: Administrator, Advanced User and Normal User  |
| Security Measures        | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering  |
| Upgrade                  | Through web browser, Online, Firmware upgrade   |
| <b>Smart Features</b>    |   |
| Basic event              | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error) , defocus detection   |
| Face Recognize / Compare | Default off, max 15 human faces per second.   |
| Smart Detection          | Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/animal. |
| Smart Tracking           | Manual Tracking, Auto Tracking (human or vehicle by software setting)   |

|                           |  |
|---------------------------|--|
| <b>System Integration</b> |  |
| Alarm Interface           | 1 Alarm input;1 Alarm output   |
| Audio Interface           | 1 audio input(mic in); 1 audio output, line level, impedance,600Ω  |
| Alarm Linkage             | Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc. |
| Network Interface         | 1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.at,class 3)   |
| SD Card Slot              | One MicroSD/SDHC/SDXC card slot, up to 256G  |
| API                       | ONVIF, support TVT SDK and third-party management platform   |
| Web Browser               | IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11  |
| <b>General</b>            |  |
| Power                     | DC24V,AC24V or PoE+ (802.3.at, class 3), (Max 30W, include IR, Heater, Fan working, max 9W for IR)   |
| Working condition         | -30°C ~ 60°C (-22°F ~ 140°F),90%RH less (non-condensing),Cold start at - 25°C  |
| Storage condition         | -40°C ~ 65°C ; ≤ 95% RH  |

|               |                                      |
|---------------|--------------------------------------|
| Protection    | IP66, IK10                           |
| Material      | Aluminum Alloy + Plastic             |
| Dimensions    | Φ 209mm × 328mm ( 8.22" Φ × 12.91 ") |
| Weight        | Approx. 3.7 Kg (8.31 lb.)            |
| Certification | CE, FCC, RoHS, UL, BIS               |

**\*\*Note: The model numbers/Dimensions/Appearance are subject to change due to up gradation /version variations.**



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