

## 2MP 32x Speed Dome PTZ Camera

Model No: SIP-ESPD202



### Key Features

- 1/2.8" progressive scan CMOS
- Up to 1920×1080 resolution
- 32x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, Smart IR
- Smart IR up to 200m IR distance
- Smart H.265
- PoE+, DC24V or AC24V power supply options
- ONVIF

## Specifications

<b>Model No</b>	<b>SIP-ESPD202</b>
<b>Camera</b>	
Image sensor	1/2.8" progressive scan CMOS
Mini. Illumination	Color 0.005Lux @ (F1.6 AGC ON); B/W0.001 Lux @(F1.6 AGC ON); 0Lux with IR
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser
Shutter Speed	1/1 s – 1/10,000 s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Digital Zoom	16x
Privacy Mask	4 Programmable privacy masks
3D DNR	Auto/Manual
BLC	Yes
HLC	Yes
WDR	120 dB
S/N	>52
Defog	Electronic
EIS	Yes
<b>Lens</b>	
Focus length	f=4.5 ~ 144 mm lens,32x optical
Zoom Speed	Approx. 4.5s (optical zoom, wide-tele)
Field of View	Horizontal: 60°to 2.3°(wide -tele); Vertical: 34°to 1.4°(wide -tele); Diagonal: 68°to 2.7°(wide -tele)
Aperture Range	F1.65 ~ F4.4 (wide-tele)
<b>PTZ</b>	
Pan Range	360°endless
Pan speed	Configurable, from 0.1~240°/s; Preset speed: 240°/s
Tilt Range	From -25°to 180° auto-flip at 90°
Tilt Speed	Configurable, from 0.1°~ 180°/s, Preset speed: 180°/s
Proportional Zoom	Yes
Preset	300
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	200m (656 f.t.) 10x IR LEDs
Smart IR	Yes
<b>Network</b>	
Max Resolution	1920x1080
Main stream	1920 × 1080, 1280 × 960, 1280 × 720 25/30fps
Sub stream	25fps (704 × 576, 640 × 480, 352 × 288) 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	25fps (1920 × 1080, 1280 × 960, 1280 × 720 , 704 × 576, 640 × 480, 352 × 288) 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video compression	Smart H.265/H.264/MJPEG
Audio compression	G.711 A/U
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
<b>Smart Features</b>	
Basic event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
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)

System Integration	
Alarm Interface	2CH alarm input; 2CH alarm output
Audio Interface	1CH audio input, 2 to 2.4v[p-p] 1KΩ ±10%; 1CH audio output (line out), 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.bt,class 7)
CVBS	Yes, 1 BNC connector
RS 485	Pelco-D / P protocol, custom protocols available
Storage	On-Body memory card slot, support microSD/SDHC/SDXC, up to 256G
API	ONVIF, support TVT SDK and third-party management platform
Web Browser	IE(8-11); Firefox( below 44);Chrome(below 76);
General	
Power	AC24V, DC24V,PoE+ (802.3.bt, class 7), (Max 50W, include IR on, Heater on, Fan working)
Working condition	-50°C ~ 65°C ( -58°F ~ 149°F), 90%RH less (non -condensing),Cold start at - 40°C
Storage condition	-40°C ~ 70°C ; ≤ 95% RH
Protection	IP67, IK10
Dimensions	219.9mm x H 358.5mm (8.7 x 14.1 )
Weight	Approx. 6.0 Kg (13.22 lb.)
Certification	CE, FCC, RoHS, UL, BIS

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



**Lookman Electroplast Industries Ltd,**

OldNo-9, New No-15, 2<sup>nd</sup> Street Extn, 3<sup>rd</sup> Main Road, CIT Nagar, Nandanam, Chennai,Tamilnadu-600035,India

Ph:-04466222222.