TP-Link InSight S245ZI Dome IP security camera Outdoor 2688 x 1520 pixels Ceiling

Brand : TP-Link   **Product code:** INSIGHT S245ZI

Product name : InSight S245ZI

- 5X Optical Zoom for Easy Installation and Monitoring
- 4MP Super-High Definition and IR Range Up to 197 ft (60 m)*1
- Human & Vehicle Classification
- Smart Detection
- Smart Video Enhancement Technology
- Audio and Alarm Interface Available
- IP67 Weatherproof and IK10 Vandal Proof
- H.265+ Compression Technology
VIGI 4MP IR Motorized Varifocal Dome Network Camera, 1/2.9", 1/3 to 1/10000 s, 2.7-13.5 mm (5X Optical Zoom),F1.6, 2688 x 1520, CBR, VBR, BLC/3D DNR/HLC/SmartIR, 120 dB, 12V DC ± 5%, Max. 10.8 W, 5.5 mm Coaxial Power Plug, PoE: 802.3af/at, class 0, Max. 12 W, IP67, 129.9 x 129.9 x 102.5 mm, 0.775 kg, White

Performance			Audio	
Type *	IP security camera		Audio input channels	1.0 channels
Placement supported *	Outdoor		Audio output channels	1.0 channels
Connectivity technology *	Wired		Audio formats supported	G.711 A-law
Maximum operating distance	200 m		Sample rate	8 kHz
Wide Dynamic Range (WDR)	✔		Built-in microphone	✔
Day/night mode	✔		Number of microphones	1
Infrared (IR) cut-off filter	✔		Bit rate range	0 - 64 Kbit/s
Remote viewing	✔		**Network**	
Dynamic range	120 dB		Ethernet LAN *	✔
Design			Networking standards	IEEE 802.3af, IEEE 802.3at
Form factor *	Dome		Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
Mounting type *	Ceiling			
Product colour *	White			
Housing material	Metal		Wi-Fi *	✗
Protection features	Waterproof		Bluetooth *	✗
International Protection (IP) code	IP67		Live view	✔
IK code	IK10		**Storage**	
Weatherproof	✔		Compatible memory cards	MicroSD (TransFlash)
Camera			Maximum memory card size	512 GB
Camera pan control	✔		**Ports & interfaces**	
Camera tilt control	✔		Ethernet LAN (RJ-45) ports	1
Minimum illumination	0 lx		DC-in jack	✔
Lens viewing angle, horizontal	29.6 - 102°		**Security**	
Lens viewing angle, vertical	16.8 - 53.8°		Built-in siren	✔
Lens viewing angle, diagonal	34.1 - 122.8°		Password protection	✔
Tilt angle range	0 - 75°		Video motion detection	✔
Camera shutter speed	1/3 to 1/10000		IP address filtering	✔
Image sensor			HTTPS encryption	✔
Optical sensor size	25.4 / 2.9 mm (1 / 2.9")			

Image sensor	
Progressive scan	✔
Sensor type *	CMOS

Lens system	
Optical zoom	5x
Detect distance	200 m
Observe distance	84 m
Recognize distance	40 m
Auto focus	✔
Focus	Motorized
Maximum aperture number	1.6
Identify distance	21 m

Night vision	
Night vision *	✔
LED type	IR/White

Video	
Maximum resolution *	2688 x 1520 pixels
Total megapixels *	4 MP
Video compression formats	H.264, H.264+, H.265, H.265+
Supported graphics resolutions	1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2048 x 1280, 2304 x 1296, 2560 x 1440, 2688 x 1520
Video recording	✔
Image quality adjustment	Brightness, Contrast, Mirror, Saturation, Sharpness
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Bit rate	Main Stream: H.265+/H.265/H.264+/H.264, Sub-Stream: H.265/H.264
Back Light Compensation (BLC)	✔
Highlight Compensation (HLC)	✔
Digital Wide Dynamic Range (DWDR)	✔

Audio	
Built-in speaker(s)	✔
Audio system	2-way

Security	
Detection distance	200 m
Alert notification type	Push notification
Intelligent Video Surveillance (IVS) system features	Abnormal sound detection, Crossing line, Human detection, Intrusion, Line crossing detection, Moving object, Region entrance detection, Region exiting detection, Scene change, Vehicle detection
Motion sensor	✔
Mirror	✔
Human and vehicle targets classification	✔
Digest authentication	✔

Management features	
Web-based management	✔
Web browser	✔
Cloud-managed *	✔
Reset button	✔

Power	
Power source type *	DC, PoE
Power consumption (max)	10.8 W
Power consumption (Power over Ethernet (PoE))	12 W
DC output voltage	12

Operational conditions	
Operating temperature (T-T)	-30 - 60 °C
Storage temperature (T-T)	-40 - 60 °C
Operating relative humidity (H-H)	0 - 95%
Storage relative humidity (H-H)	0 - 95%

Weight & dimensions	
Width	129.9 mm
Depth	129.9 mm
Height	102.5 mm
Weight	775 g

Packaging data	
Package type	Box

Packaging content	
Number of cameras *	1
Manual	✔

Catalog Object Cloud