



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 $\pm$ 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	Wi-Fi *	✗
Housing material	Metal	Bluetooth *	✗
Protection features	Waterproof	Live view	✓
International Protection (IP) code	IP67	Storage	
IK code	IK10	Compatible memory cards	MicroSD (TransFlash)
Weatherproof	✓	Maximum memory card size	512 GB
Camera		Ports & interfaces	
Camera pan control	✓	Ethernet LAN (RJ-45) ports	1
Camera tilt control	✓	DC-in jack	✓
Minimum illumination	0 lx	Security	
Lens viewing angle, horizontal	29.6 - 102°	Built-in siren	✓
Lens viewing angle, vertical	16.8 - 53.8°	Password protection	✓
Lens viewing angle, diagonal	34.1 - 122.8°	Video motion detection	✓
Tilt angle range	0 - 75°	IP address filtering	✓
Camera shutter speed	1/3 to 1/10000	HTTPS encryption	✓
Image sensor			
Optical sensor size	25.4 / 2.9 mm (1 / 2.9")		

Image sensor		Security	
Progressive scan	✓	Detection distance	200 m
Sensor type *	CMOS	Alert notification type	Push notification
Lens system		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
Optical zoom	5x		
Detect distance	200 m		
Observe distance	84 m	Motion sensor	✓
Recognize distance	40 m		
Auto focus	✓		
Focus	Motorized	Mirror	✓
Maximum aperture number	1.6	Human and vehicle targets classification	✓
Identify distance	21 m	Digest authentication	✓
Night vision		Management features	
Night vision *	✓	Web-based management	✓
LED type	IR/White	Web browser	✓
Video		Cloud-managed *	✓
Maximum resolution *	2688 x 1520 pixels	Reset button	✓
Total megapixels *	4 MP	Power	
Video compression formats	H.264, H.264+, H.265, H.265+	Power source type *	DC, PoE
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	Power consumption (max)	10.8 W
Video recording	✓	Power consumption (Power over Ethernet (PoE))	12 W
Image quality adjustment	Brightness, Contrast, Mirror, Saturation, Sharpness	DC output voltage	12
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Operational conditions	
Bit rate	Main Stream: H.265+/H.265/H.264+/H.264, Sub-Stream: H.265/H.264	Operating temperature (T-T)	-30 - 60 °C
Back Light Compensation (BLC)	✓	Storage temperature (T-T)	-40 - 60 °C
Highlight Compensation (HLC)	✓	Operating relative humidity (H-H)	0 - 95%
Digital Wide Dynamic Range (DWDR)	✓	Storage relative humidity (H-H)	0 - 95%
Audio		Weight & dimensions	
Built-in speaker(s)	✓	Width	129.9 mm
Audio system	2-way	Depth	129.9 mm
		Height	102.5 mm
		Weight	775 g
		Packaging data	
		Package type	Box
		Packaging content	
		Number of cameras *	1
		Manual	✓



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