



TP-Link INSIGHT S445ZI security camera Turret CCTV security camera Outdoor 2688 x 1520 pixels Ceiling

Brand : TP-Link

Product code: INSIGHT S445ZI

Product name : INSIGHT S445ZI

- 5X Optical Zoom for Easy Installation and Monitoring
- 4MP Super-High Definition and IR Range Up to 60m (197ft)
- 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 Turret Network Camera, 1/2.9", 1/3 to 1/10000 s, 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, 112.3 x 112.3 x 92.5 mm, 0.71 kg, White



Performance		Video	
Type *	CCTV security camera	Digital Wide Dynamic Range (DWDR)	✓
Placement supported *	Outdoor	Audio	
Connectivity technology *	Wired	Built-in speaker(s)	✓
Maximum operating distance	207 m	Audio system	2-way
Wide Dynamic Range (WDR)	✓	Audio input channels	1 channels
Day/night mode	✓	Audio output channels	1 channels
Infrared (IR) cut-off filter	✓	Audio formats supported	G.711 A-law
Remote viewing	✓	Sample rate	8 kHz
Dynamic range	120 dB	Built-in microphone	✓
Plug and Play	✓	Number of microphones	1
Design		Bit rate range	0 - 64 Kbit/s
Form factor *	Turret	Network	
Mounting type *	Ceiling	Ethernet LAN *	✓
Product colour *	White	Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
Housing material	Metal	Wi-Fi *	✗
Protection features	Waterproof	Bluetooth *	✗
International Protection (IP) code	IP67	Live view	✓
Weatherproof	✓	Storage	
Camera		Compatible memory cards	MicroSD (TransFlash)
Lens viewing angle, horizontal	29.6-102.0	Maximum memory card size	512 GB
Lens viewing angle, vertical	16.8-53.8	Security	
Lens viewing angle, diagonal	34.1-122.8	Built-in siren	✓
Tilt angle range	0 - 90°	Video motion detection	✓
Camera shutter speed	1/3 to 1/10000		
Image sensor			
Optical sensor size	25.4 / 2.9 mm (1 / 2.9")		
Progressive scan	✓		

Image sensor		Security	
Sensor type *	CMOS	Alert notification type	Push notification
Panoramic camera		Motion sensor	✓
Sensor type (panoramic camera)	CMOS	Mirror	✓
Signal-to-Noise Ratio (SNR) (panoramic camera)	52 dB	Management features	
Digital Wide Dynamic Range (DWDR) (panoramic camera)	✓	Web browser	✓
Lens system		Cloud-managed *	✓
Optical zoom	5x	Reset button	✓
Recognize distance	41 m	Power	
Focal length range	2.7 - 13.5 mm	Power source type *	DC, PoE
Fixed focus	✗	Power consumption (max)	10.8 W
Focus	Motorized	Power consumption (Power over Ethernet (PoE))	12 W
Night vision		DC output voltage	12
Night vision *	✓	Operational conditions	
LED type	IR/White	Operating temperature (T-T)	-30 - 60 °C
Video		Storage temperature (T-T)	-40 - 60 °C
Maximum resolution *	2688 x 1520 pixels	Operating relative humidity (H-H)	0 - 95%
Total megapixels *	4 MP	Storage relative humidity (H-H)	0 - 95%
Video compression formats	H.264, H.264+, H.265, H.265+	Weight & dimensions	
Video recording	✓	Width	112.3 mm
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Height	92.5 mm
Bit rate	Main Stream: 256 Kbps to 6 Mbps, Sub-Stream: 512 Kbps to 1024 Kbps	Length	112.3 mm
Back Light Compensation (BLC)	✓	Weight	710 g
Highlight Compensation (HLC)	✓	Packaging data	
		Package weight	960 g
		Package type	Box
		Packaging content	
		Number of cameras *	1
		Mounting kit	✓
		Screws included	✓
		Drilling template included	✓
		Manual	✓



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Publication date: 14-FEB-2025. Prints or copies of Information are only valid on the printed Publication date