



TP-Link INSIGHT S445 Turret IP security camera Outdoor 2688 x 1520 pixels Ceiling



Brand : TP-Link

Product code: INSIGHT S445(4MM)

Product name : INSIGHT S445

- 4MP Super-High Definition and 24h Full-Color
- People & Vehicle Analytics
- Human & Vehicle Classification
- Smart Detection
- Smart Video Enhancement Technology
- Active Defense and Two-Way Audio
- IP67 Waterproof
- H.265+ Compression Technology

VIGI 4MP Full-Color Turret Network Camera, 1/2.7", 1/3 to 1/10000 s, F1.6, 2688 x 1520, CBR, VBR, BLC/3D DNR/HLC/SmartIR, 120 dB, 12V DC $\pm$ 5%, Max. 11 W, 5.5 mm Coaxial Power Plug, PoE: 802.3af/at, class 0, Max. 12 W, IP67, 111 x 111 x 83.7 mm, 0.48 kg, White

TP-Link INSIGHT S445. Type: IP security camera, Placement supported: Outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Turret. Lens viewing angle, horizontal: 80.4°, Lens viewing angle, vertical: 41.8°, Lens viewing angle, diagonal: 98.7°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.7 mm (1 / 2.7"). Sensor type (panoramic camera): CMOS, Signal-to-Noise Ratio (SNR) (panoramic camera): 52 dB

Performance		Video	
Type *	IP security camera	Digital Wide Dynamic Range (DWDR)	✓
Placement supported *	Outdoor	Audio	
Connectivity technology *	Wired	Built-in speaker(s)	✓
Maximum operating distance	80 m	Audio system	2-way
Wide Dynamic Range (WDR)	✓	Audio input channels	1.0 channels
Day/night mode	✓	Audio output channels	1.0 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	✓
Design		Number of microphones	1
Form factor *	Turret	Bit rate range	0 - 64 Kbit/s
Mounting type *	Ceiling	Network	
Product colour *	White	Ethernet LAN *	✓
Housing material	Metal	Networking standards	IEEE 802.3af, IEEE 802.3at
Protection features	Waterproof	Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
International Protection (IP) code	IP67	Wi-Fi *	✗
Weatherproof	✓	Bluetooth *	✗
Camera		Live view	✓
Minimum illumination	0 lx	Storage	
Lens viewing angle, horizontal	80.4°	Compatible memory cards	MicroSD (TransFlash)
Lens viewing angle, vertical	41.8°	Maximum memory card size	512 GB
Lens viewing angle, diagonal	98.7°	Ports & interfaces	
Tilt angle range	0 - 90°	Ethernet LAN (RJ-45) ports	1
Camera shutter speed	1/3 to 1/10000	Security	
Image sensor		Built-in siren	✓
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")		
Progressive scan	✓		
Sensor type *	CMOS		

Panoramic camera		Security	
Sensor type (panoramic camera)	CMOS	Password protection	✓
Signal-to-Noise Ratio (SNR) (panoramic camera)	52 dB	Video motion detection	✓
Digital Wide Dynamic Range (DWDR) (panoramic camera)	✓	IP address filtering	✓
Lens system		HTTPS encryption	✓
		Alert notification type	Push notification
		Motion sensor	✓
		Mirror	✓
		Digest authentication	✓
		Management features	
		Web browser	✓
		Cloud-managed *	✓
Night vision		Reset button	✓
		Power	
Night vision *	✓	Power source type *	DC, PoE
LED type	IR/White	Power consumption (max)	11 W
Video		Power consumption (Power over Ethernet (PoE))	12 W
		DC output voltage	12
Maximum resolution *	2688 x 1520 pixels	Operational conditions	
Total megapixels *	4 MP	Operating temperature (T-T)	-30 - 60 °C
Video compression formats	H.264, H.264+, H.265, H.265+	Storage temperature (T-T)	-40 - 60 °C
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	Operating relative humidity (H-H)	0 - 95%
Video recording	✓	Storage relative humidity (H-H)	0 - 95%
Image quality adjustment	Brightness, Contrast, Mirror, Saturation, Sharpness	Weight & dimensions	
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Width	111 mm
Bit rate	Main Stream: 256 Kbps to 6 Mbps, Sub-Stream: 64 Kbps to 512 Kbps	Height	83.7 mm
Back Light Compensation (BLC)	✓	Length	111 mm
Highlight Compensation (HLC)	✓	Weight	480 g
		Packaging data	
		Package type	Box
		Packaging content	
		Number of cameras *	1
		Mounting kit	✓
		Screws included	✓
		Drilling template included	✓
		Manual	✓



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