



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

Brand : TP-Link

Product code: INSIGHT S445(2.8MM)

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: 100°, Lens viewing angle, vertical: 54°, Lens viewing angle, diagonal: 118°. Sensor type: CMOS, Optical sensor size: 25.4 / 2.7 mm (1 / 2.7"). Detect distance: 64 m, Observe distance: 27 m, Recognize distance: 13 m



Performance		Audio	
Type *	IP security camera	Audio formats supported	G.711 A-law
Placement supported *	Outdoor	Sample rate	8 kHz
Connectivity technology *	Wired	Built-in microphone	✓
Maximum operating distance	64 m	Number of microphones	1
Wide Dynamic Range (WDR)	✓	Bit rate range	0 - 64 Kbit/s
Day/night mode	✓	Network	
Infrared (IR) cut-off filter	✓	Ethernet LAN *	✓
Remote viewing	✓	Networking standards	IEEE 802.3af, IEEE 802.3at
Dynamic range	120 dB	Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
Design		Wi-Fi *	✗
Form factor *	Turret	Bluetooth *	✗
Mounting type *	Ceiling	Live view	✓
Product colour *	White	Storage	
Housing material	Metal	Compatible memory cards	MicroSD (TransFlash)
Protection features	Waterproof	Maximum memory card size	512 GB
International Protection (IP) code	IP67	Ports & interfaces	
Weatherproof	✓	Ethernet LAN (RJ-45) ports	1
Camera		DC-in jack	✓
Minimum illumination	0 lx	Security	
Lens viewing angle, horizontal	100°	Built-in siren	✓
Lens viewing angle, vertical	54°	Password protection	✓
Lens viewing angle, diagonal	118°	Video motion detection	✓
Tilt angle range	0 - 90°	IP address filtering	✓
Camera shutter speed	1/3 to 1/10000	HTTPS encryption	✓
Image sensor		Alert notification type	Push notification
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")		
Progressive scan	✓		
Sensor type *	CMOS		

Lens system		Security	
Detect distance	64 m	Motion sensor	✓
Observe distance	27 m	Mirror	✓
Recognize distance	13 m	Human and vehicle targets classification	✓
Fixed focus	✓	Digest authentication	✓
Maximum aperture number	1.6	Management features	
Identify distance	6 m	Web-based management	✓
Fixed focal length	2.8 mm	Web browser	✓
Night vision		Cloud-managed *	✓
Night vision *	✓	Reset button	✓
LED type	IR/White	Power	
Video		Power source type *	DC, PoE
Maximum resolution *	2688 x 1520 pixels	Power consumption (max)	11 W
Total megapixels *	4 MP	Power consumption (Power over Ethernet (PoE))	12 W
Video compression formats	H.264, H.264+, H.265, H.265+ 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2048 x 1280, 2304 x 1296, 2560 x 1440, 2688 x 1520	DC output voltage	12
Supported graphics resolutions		Operational conditions	
Video recording	✓	Operating temperature (T-T)	-30 - 60 °C
Image quality adjustment	Brightness, Contrast, Mirror, Saturation, Sharpness	Storage temperature (T-T)	-40 - 60 °C
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)	Operating relative humidity (H-H)	0 - 95%
Bit rate	Main Stream: 256 Kbps to 6 Mbps, Sub-Stream: 64 Kbps to 512 Kbps	Storage relative humidity (H-H)	0 - 95%
Back Light Compensation (BLC)	✓	Weight & dimensions	
Highlight Compensation (HLC)	✓	Width	111 mm
Digital Wide Dynamic Range (DWDR)	✓	Height	83.7 mm
Audio		Length	111 mm
Built-in speaker(s)	✓	Weight	480 g
Audio system	2-way	Packaging data	
Audio input channels	1.0 channels	Package type	Box
Audio output channels	1.0 channels	Packaging content	
		Number of cameras *	1
		Mounting kit	✓
		Screws included	✓
		Drilling template included	✓
		Manual	✓



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