TP-Link InSight S445S Turret IP security camera Indoor & outdoor 2688 x 1520 pixels Ceiling/wall



Brand : TP-Link

Product code: INSIGHT S445S(2.8MM)(UN)

Product name : InSight S445S

- 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
TP-Link InSight S445S. Type: IP security camera, Placement supported: Indoor & outdoor, Connectivity technology: Wired. Mounting type: Ceiling/wall, Product colour: White, Form factor: Turret. Minimum illumination: 0.005 lx, Angle of rotation: 360°, Lens viewing angle, horizontal: 100°. 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	
Type *	IP security camera
Placement supported *	Indoor & outdoor
Connectivity technology *	Wired
People counting function	✔
Wide Dynamic Range (WDR)	✔
Infrared (IR) cut-off filter	✔
Dynamic range	120 dB

Design	
Form factor *	Turret
Mounting type *	Ceiling/wall
Product colour *	White
Housing material	Metal
International Protection (IP) code	IP67

Camera	
Minimum illumination	0.005 lx
Angle of rotation	360°
Lens viewing angle, horizontal	100°
Lens viewing angle, vertical	54°
Lens viewing angle, diagonal	118°
Tilt angle range	0 - 85°
Pan range	0 - 360°
Camera shutter speed	1/3 - 1/10000 s
Number of Privacy masking areas	4

Image sensor	
Optical sensor size	25.4 / 2.7 mm (1 / 2.7")
Progressive scan	✔
Sensor type *	CMOS

Lens system	
Number of lenses *	1
Detect distance	64 m

Video	
Highlight Compensation (HLC)	✔
Region of Interest (ROI) encoding	✔
Smart IR	✔

Audio	
Built-in speaker(s)	✔
Audio system	2-way
Signal-to-Noise Ratio (SNR)	52 dB
Built-in microphone	✔

Network	
Ethernet LAN *	✔
Ethernet interface type	Fast Ethernet
Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP, SMTP, SNMP, RTMP
Wi-Fi *	✘
Bluetooth *	✘

Storage	
Built-in HDD *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)
Maximum memory card size	512 GB

Ports & interfaces	
Ethernet LAN (RJ-45) ports	1

Security	
Password protection	✔
Video motion detection	✔
Active tampering alarm	✔
IP address filtering	✔

Lens system	
Observe distance	27 m
Recognize distance	13 m
Maximum aperture number	1.6
Identify distance	6 m
Fixed focal length	2.8 mm

Night vision	
Night vision *	✔
Night vision distance	30 m
LED type	IR/White
Infra-red wavelength	850 nm

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	320 x 240, 352 x 288, 640 x 480 (VGA), 704 x 576, 1280 x 720 (HD 720), 1920 x 1080 (HD 1080), 2048 x 1280, 2304 x 1296, 2560 x 1440, 2688 x 1520
Video streaming	✔
Noise reduction	✔
Noise reduction technology	3D noise reduction
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Bit rate	Main Stream: 256 Kbps - 6 Mbps; Sub-Stream: 64 Kbps - 512 Kbps
Back Light Compensation (BLC)	✔

Security	
HTTPS encryption	✔
Privacy protection	✔
Intelligent Video Surveillance (IVS) system features	Abandoned object, Abnormal sound detection, Human detection, Intrusion, Line crossing detection, Region entrance detection, Region exiting detection, Scene change, Vehicle detection
Digest authentication	✔

Management features	
Web browser	✔
Cloud-managed *	✔
Reset button	✘

Power	
Power source type *	DC
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	
Height	83.7 mm
Diameter	11.1 cm
Weight	0.55 g

Sustainability	
Compliance certificates	BSMI, CE, Federal Communications Commission (FCC), Industry Canada (IC), KC, VCCI

Packaging content	
Number of cameras *	1
Mounting kit	✔
Manual	✔

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