TP-Link INSIGHT S445 Turret CCTV 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 ± 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
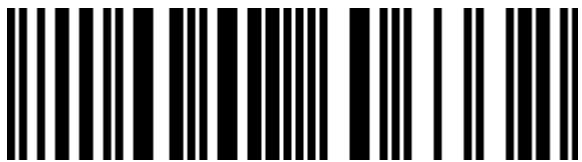
TP-Link INSIGHT S445. Type: CCTV security camera, Placement supported: Outdoor, Connectivity technology: Wired. Mounting type: Ceiling, Product colour: White, Form factor: Turret. Lens viewing angle, horizontal: 80.4°, Lens viewing angle, vertical: 41.8°, Lens viewing angle, diagonal: 98.7°. Sensor type: 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

Type *	CCTV security camera
Placement supported *	Outdoor
Connectivity technology *	Wired
Maximum operating distance	80 m
Wide Dynamic Range (WDR)	✔
Day/night mode	✔
Infrared (IR) cut-off filter	✔
Remote viewing	✔
Dynamic range	120 dB
Plug and Play	✔

Design

Form factor *	Turret
Mounting type *	Ceiling
Product colour *	White
Housing material	Metal
Protection features	Waterproof
International Protection (IP) code	IP67
Weatherproof	✔

Camera

Lens viewing angle, horizontal	80.4°
Lens viewing angle, vertical	41.8°
Lens viewing angle, diagonal	98.7°
Tilt angle range	0 - 90°
Camera shutter speed	1/3 to 1/10000

Image sensor

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

Video

Digital Wide Dynamic Range (DWDR)	✔

Audio

Built-in speaker(s)	✔
Audio system	2-way
Audio input channels	1 channels
Audio output channels	1 channels
Audio formats supported	G.711 A-law
Sample rate	8 kHz
Built-in microphone	✔
Number of microphones	1
Bit rate range	0 - 64 Kbit/s

Network

Ethernet LAN *	✔
Supported network protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
Wi-Fi *	✘
Bluetooth *	✘
Live view	✔

Storage

Compatible memory cards	MicroSD (TransFlash)
Maximum memory card size	512 GB

Security

Built-in siren	✔
Video motion detection	✔
Alert notification type	Push notification
Motion sensor	✔

Panoramic camera

Sensor type (panoramic camera)	CMOS
Signal-to-Noise Ratio (SNR) (panoramic camera)	52 dB
Digital Wide Dynamic Range (DWDR) (panoramic camera)	✔

Lens system

Recognize distance	16 m
Focal length range	4 mm
Fixed focus	✔

Night vision

Night vision *	✔
LED type	IR/White

Video

Maximum resolution *	2688 x 1520 pixels
Total megapixels *	4 MP
Video compression formats	H.264, H.264+, H.265, H.265+
Video recording	✔
Bit rate control	Constant Bit Rate (CBR)/Variable Bit Rate (VBR)
Bit rate	Main Stream: 256 Kbps to 6 Mbps, Sub-Stream: 64 Kbps to 512 Kbps
Back Light Compensation (BLC)	✔
Highlight Compensation (HLC)	✔

Security

Mirror	✔

Management features

Web browser	✔
Cloud-managed *	✔
Reset button	✔

Power

Power source type *	DC, PoE
Power consumption (max)	11 W
Power consumption (Power over Ethernet (PoE))	12 W
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

Width	111 mm
Height	83.7 mm
Length	111 mm
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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