

InSight-S345-2.8mm

TP-Link VIGI InSight S345 4MP Full-Colour Bullet Camera with 2.8mm lens

Product Overview

TP-Link Vigi InSight S345 4MP Full-colour Bullet Camera with 2.8mm Lens, IR LED & White LED 30m range, 2688x1520 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, BLC / 3D DNR / HLC / SmartIR, 120 dB wide Dynamic range, 1 region ROI, Two-Way Audio, 3 Main streams & 3 Sub-Streams, People detection, Vehicle Detection, Motion Detection, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Support MicroSD card up to 512 GB, Built-In Microphone, Built-In Speaker





Specifications

Overview Summary:

The TP-Link Vigi InSight S345 4MP Full-Color Bullet Camera offers exceptional outdoor surveillance with its advanced security features, perfect for both residential and commercial use. With 4MP resolution, people and vehicle detection, and full-color night vision, this camera ensures high-quality footage even in low-light conditions. Its smart video technology, including True WDR and Smart IR, allows for clear images in any environment. Whether you need a reliable solution for home security or a business monitoring system, this weatherproof camera with two-way audio and motion detection is the ideal choice.

Buy now to enhance your property's security with this top-tier camera solution.

Performance tier:High-performance

Uses:Home security, business surveillance, outdoor monitoring, vehicle detection, people detection

Overview:

TP-Link Vigi InSight S345 4MP Full-Color Bullet Camera: A Powerful Outdoor Surveillance Solution

The TP-Link Vigi InSight S345 is a cutting-edge 4MP outdoor bullet camera designed to deliver exceptional surveillance performance with high-definition, full-color imaging and intelligent analytics. Ideal for both residential and commercial use, this camera provides enhanced security with advanced features like people and vehicle detection, motion detection, and smart video enhancement. Equipped with a variety of protective and functional elements, the Vigi InSight S345 ensures that your property is monitored effectively, day or night.

Features:

Key Benefits of the Vigi InSight S345 Bullet Camera

The TP-Link Vigi InSight S345 4MP camera offers a wide array of benefits, from sharp video quality to intelligent detection capabilities:

- Superior Image Quality: Enjoy stunning 4MP resolution with full-color night vision, ensuring clarity even in low-light conditions.
- Intelligent Analytics: With people and vehicle detection, you can easily filter and search for specific events, enhancing post-event analysis.
- Smart Video Technology: Features like True WDR, Smart IR, and 3D DNR ensure that images remain clear and detailed, even in challenging lighting conditions.

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- Two-Way Audio: Communicate directly through the camera using built-in microphone and speaker, adding an extra layer of interactivity and security.
- Rugged and Reliable: The IP67 rating guarantees weatherproof durability, making this camera perfect for both indoor and outdoor use.

Sharp and Clear Surveillance with Full-Color 4MP Resolution

The Vigi InSight S345 delivers high-definition video in 4MP resolution, providing crystal-clear images that are essential for identifying people, vehicles, and other key details. Whether you're monitoring a driveway, entrance, or large outdoor space, this camera ensures that every corner is covered with vibrant color-day or night.

Advanced Detection for Enhanced Security

One of the standout features of the Vigi InSight S345 is its ability to differentiate between people and vehicles. This human and vehicle classification technology allows for more accurate event notifications, reducing false alarms and improving the efficiency of your surveillance system.

- People & Vehicle Detection: Automatically filters objects based on their attributes, making it easier to find specific events in your footage.
- Smart Detection: The camera actively analyzes movement to detect unusual activity and alert you accordingly.
- Human & Vehicle Classification: Helps reduce false alerts by distinguishing between humans, vehicles, and other objects.

Improved Visibility with Smart Video Enhancement

The Vigi InSight S345 uses advanced video enhancement technologies to improve image quality, ensuring that you capture clear footage even in difficult lighting situations:

- True WDR: This feature blends multiple exposures to keep both bright and dark areas properly exposed, providing well-balanced and natural-looking footage.
- Smart IR: Automatically adjusts infrared lighting to optimize visibility at various distances, preventing glare and overexposure.
- 3D DNR: Noise reduction technology that removes image noise without compromising detail, ensuring clearer visuals.
- White Balance: Corrects color shifts, making sure that white appears natural regardless of the lighting.

Efficient Video Compression with H.265+ Technology

With H.265+ compression, the Vigi InSight S345 reduces bandwidth requirements and saves storage space while maintaining high video quality. Compared to traditional H.264 and H.265 codecs, H.265+ offers:

- 57.5% more storage efficiency than H.264
- 15% more efficiency than standard H.265 compression

This technology ensures that your video recordings are stored effectively without compromising on clarity, making it easier to keep a large number of recordings without overwhelming your storage capacity.

Rugged, Weatherproof Design for Long-Term Use

Built to withstand the elements, the Vigi InSight S345 features an IP67 weatherproof rating, meaning it's fully protected against dust and capable of handling heavy rain or snow. Whether you're installing the camera in a parking lot, yard, or other outdoor areas, this bullet camera is designed to last and continue delivering top-notch performance.

Two-Way Audio for Enhanced Communication

The built-in microphone and speaker enable clear two-way audio communication, allowing you to listen and speak through the camera. This is an excellent feature for intercom-style communication or for active defense in case of intruders. The combination of video and audio makes it a versatile tool for improving security at any location.

Easy Setup and Storage Options

The Vigi InSight S345 is designed for simple installation, with a self-adaptive Ethernet port for quick network connection. It also supports a microSD card of up to 512 GB, providing ample storage for recorded footage. With three main streams and three sub-streams, you have flexibility in how the camera operates and how data is recorded.

Conclusion: A Comprehensive Security Solution

The TP-Link Vigi InSight S345 4MP Full-Color Bullet Camera is a feature-packed surveillance system ideal for anyone looking to boost security with cutting-edge technology. From superior image quality and intelligent detection to weatherproof durability and two-way audio, this camera offers everything you need to keep your property safe. Whether you're monitoring high-traffic areas or remote spaces, the Vigi InSight S345 provides reliable, high-quality surveillance for peace of mind, 24/7.

Specifications:

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Specifications	
Product Code	InSight-S345-2.8mm
CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	0.005 Lux , 0 Lux with IR/White light
Day/Night Mechanism	IR Cut Filter
Day/Night Switch	Unified/ Scheduled/ Auto
LENS	
Type	Fixed Focal Lens
Focal Length	2.8/4/6 mm
Aperture	F1.6
FOV	2.8 mm:
	Horizontal FOV: 100degrees, Vertical FOV: 54degrees, Diagonal FOV: 118degrees
	4 mm:
	Horizontal FOV: 80.4degrees, Vertical FOV: 41.8degrees, Diagonal FOV: 98.7degrees
	6 mm:
	Horizontal FOV: 52.7degrees, Vertical FOV: 29degrees, Diagonal FOV: 60.8degrees
Lens Mount	M12*P 0.5

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DORI Distance	2.8 mm
	Detect: 64 m (210 ft)
	Observe: 27 m (89 ft)
	Recognize: 13 m (43 ft)
	Identify: 6 m (20 ft)
	4 mm
	Detect: 80 m (262 ft)
	Observe: 33 m (108 ft)
	Recognize: 16 m (52 ft)
	Identify: 8 m (26 ft)
	6 mm
	Detect: 120 m (394 ft)
	Observe: 50 m (164 ft)
	Recognize: 24 m (79 ft)
	Identify: 12 m (39 ft)
Angle Adjustment (Manual)	
Range	Pan: 0degrees to 360degrees, Tilt: 0degrees to 90degrees, Rotation: 0degrees to 360degrees
ILLUMINATOR	
IR LED	Quantity: 2
	Range: 30m
	Wavelength: 850nm
White LED	Quantity: 2
	Range: 30m
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
VIDEO	
Max. Resolution	2688 x 1520
Main Stream	Frame Rate :
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	2688x1520, 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720
	Note:
	If the image rotation is set to 90degrees or 270degrees, the frame rate only supports up to 20fps.

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Product Specification Sheet

Sub-Stream	Frame Rate :
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	704x576, 640x480, 352x288, 320x240
	Note:
	If the image rotation is set to 90degrees or 270degrees, the frame rate only supports up to 20fps.
Bit Rate Control	CBR, VBR
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264
	Sub-Stream: H.265/H.264
H.264 Type	High Profile
H.264+	Main Stream Supported
H.265 Type	Main Profile
H.265+	Main Stream Supported
Video Bit Rate	Main Stream: 256 Kbps to 6 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
Image	
Image Settings	Mirror
	Brightness
	Contrast
	Saturation
	Sharpness
	Exposure
	WDR
	White Balance
	Prevent Overexposure to Infrared Light
	HLC Adjustable by Client Software
Image Enhancement	BLC/3D DNR/HLC/SmartIR
Wide Dynamic Range	120 dB
	Note: When People & Vehicle Analytics is enabled, only DWDR is supported.
SNR	>= 52 dB
Image Parameters Switch	Yes
Privacy Mask	Up to 4 Masks
ROI	1 Region
OSD Setting	Yes
AUDIO	

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Audio Communication	Two-Way Audio
Audio Input	Yes
Audio Output	Yes
Audio Compression	Yes
Audio Sampling Rate	8KHz
Environment Noise Filtering	Yes
Audio Bit Rate	64 Kbps(G.711 alaw)
NETWORK	
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
ONVIF	Yes
API	ONVIF Profile S/T/G
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, VIGI Security Manager, Web UI, VIGI VMS, VIGI Cloud VMS
Web Browser	Google Chrome 57 and above
	Firefox 52 and above
	Safari 11 and above
	Microsoft Edge 91 and above
Cloud	Yes
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
ALARM AND EVENT MANAGEMENT	
Smart Event	Intrusion Detection
	Line-Crossing Detection
	Region Entering Detection
	Region Exiting Detection
	Object Abandoned Detection
	Object Removal Detection
	Loitering Detection
	People Detection
	Vehicle Detection
	Abnormal Sound Detection
	Scene Change Detection
Basic Event	Motion Detection (Enhanced with Human & Vehicle Classification for more accurate alerts)
	Video Tampering Detection
	Exception (Illegal Login)

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Alarm Linkage	Memory Card Video Recording
	Message Push
	Audible Warning
	White Light Flashing
Linkage Method	N/A
Output Notification	Message Push
Deep Learning Function	
People & Vehicle Analytics	Search and filter to people or vehicle of interest based on many different attributes, making post-event search faster and easier.\$
INTERFACES	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, up to 512 GB
Built-in Microphone	Yes , Records Anything Going on within a 16.4-ft (5 m) Radius of the Camera
Built-in Speaker	Yes
Audio	N/A
GENERAL	
Operating Temperature	-30-60 degreesC
Storage Temperature	-40-60 degreesC
Operating Humidity	95% or Less (Non-Condensing)
Storage Humidity	95% or Less (Non-Condensing)
Package Content	VIGI Network Camera
	Quick Start Guide
	Waterproof Cable Attachments
	Mounting Accessories
Material	Metal
Net Weight	0.525 Kg
Power Supply	12V DC +/- 5%, Max. 9.7 W, 5.5 mm Coaxial Power Plug
	PoE: 802.3af/at, class 0, Max. 10.7 W
Protection	IP67
Product Dimensions (L x W x H)	7.2 x 2.9 x 2.9 in (184 x 74 x 74 mm)
Certifications	CE, NTRA, VCCI, KC, BSMI, FCC, IC

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/InSight-S345-2-8mm-TP-Link-VIGI-InSight-S345-4MP-Full-Buy-p-330973.php>

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