ComX Computers
Product Specification Sheet

CAM-S385DPS

TP-Link CAM-S385DPS 8MP ColorPro Panoramic Vigi Bullet IP Camera with 4mm Lens

Product Overview

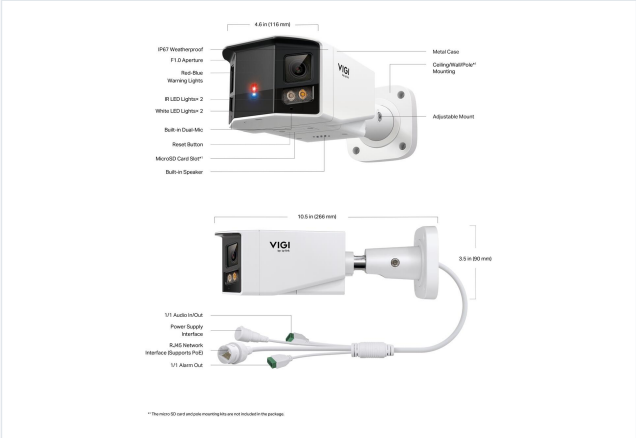
TP-Link CAM-S385DPS 8MP ColorPro Panoramic Vigi Bullet IP Camera with 4mm Lens, Main Technology Dual-Lens stitched Panoramic Imaging and H.265+ Compression, Max Resolution 5456 x 1520 Ultra-High definition 4K Video, Field of View 180 degrees horizontal and Vertical Panoramic viewing, IR illuminator range up to 50 m with White LED support, Smart detection people & vehicle Analytics with classification features, Storage Built-In MicroSD card slot supporting up to 512GB, Weatherproof rating IP67 rated for Outdoor use and IK10 Vandal-proof construction, Audio Interface Two-Way Audio with Built-In dual-microphone and Speaker, Active defense Red-Blue warning lights and Sound alerts included











Specifications

Summary Overview:

Secure your property with the TP-Link VIGI S385DPS, an advanced 8MP outdoor bullet camera built for South African homes and businesses. Featuring dual-lens panoramic imaging and ColorPro night vision, this camera delivers crystal-clear footage even in total darkness, ensuring you never miss a detail.

Equipped with intelligent people and vehicle analytics, it distinguishes between threats and everyday activity to reduce false alarms. Its rugged IP67 weatherproof and IK10 vandal-proof design withstands harsh conditions, making it an ideal choice for reliable 24/7 surveillance. Enhance your security today by buying now.

Performance tier: High-end Professional

Uses: Outdoor Surveillance, Perimeter Monitoring, Commercial Security, Smart Home Protection, Retail Store Monitoring

Overview:

TP-LINK VIGI S385DPS 8MP ColorPro Bullet Camera Overview
The TP-LINK VIGI BULLET IP CAMERA 8MP COLORPRO 4MM, identified by part number CAM-S385DPS, represents a significant leap in outdoor security surveillance. Designed for environments demanding high detail and reliable performance day or night, this camera utilizes dual-lens technology to deliver stitched panoramic imaging that eliminates blind spots. Whether monitoring large perimeters or critical entry points, the S385DPS ensures comprehensive coverage with its ultra-high definition capabilities.

Beyond simple recording, this unit integrates advanced analytics capable of distinguishing between people and vehicles, reducing false alarms and streamlining event management. The inclusion of Active Defence features, such as built-in red-blue warning lights and sound alerts, allows for immediate deterrent response when threats are detected. Built with an IP67 weatherproof rating and IK10 vandal-proof construction, the camera is engineered to withstand harsh outdoor conditions while maintaining crystal clear footage through Smart Video Enhancement Technology.

Description:

The TP-LINK VIGI S385DPS (Part Number: CAM-S385DPS) combines 4K resolution with intelligent analytics and active deterrence in a rugged outdoor housing. Key benefits include dual-lens panoramic coverage for total area monitoring, ultra-low light ColorPro night vision that captures color even in near darkness, and robust H.265+ compression to save storage space without sacrificing quality.

Features:

- Image Sensor: Dual 1/1.79 Progressive Scan CMOS for superior light sensitivity
- Maximum Resolution: 5456 x 1520 pixels delivering true 8MP clarity
- Lens Configuration: Fixed focal length with dual F1.0 aperture and 5mm focus
- Field of View: 180 degrees horizontal, 51 degrees vertical for panoramic coverage
- Low Light Performance: Minimum illumination of 0.0005 Lux, dropping to 0 Lux with IR or White Light enabled

For users requiring precise identification distances, the camera offers optimized DORI metrics where detection ranges up to 76 meters (249 ft) and recognition extends to 14 meters (46 ft). The optical system supports manual adjustment with a pan range of 0 to 360 degrees, tilt from 0 to 90 degrees, and full rotation capabilities. Video streams are managed via H.265+ compression standards, allowing bit rates up to 8 Mbps for the main stream while maintaining compatibility across various network conditions.

Night Vision and Active Deterrence

The S385DPS excels in darkness thanks to its dual illuminator system. It is equipped with two IR LEDs offering a range of up to 164 feet (50 meters) at an 850 nm wavelength, alongside two White LEDs that provide the same 50-meter coverage for full-color night recording. Users can control these lights via auto mode, scheduled settings, or manual overrides to suit specific lighting requirements.

To enhance security further, built-in red and blue warning lights activate automatically upon detection triggers. This active defence mechanism is paired with a sound alarm to deter intruders immediately. The system supports two-way audio communication through a built-in dual-microphone and speaker, allowing operators to issue verbal warnings or converse remotely.

Smart Analytics and Event Management

- Deep Learning Capabilities: Advanced algorithms for People & Vehicle classification and analytics
- Sensing Functions: Intrusion detection, line-crossing, region entering/exiting, loitering, and scene change alerts
- Audio Sensitivity: Abnormal sound detection with environment noise filtering
- Post-Event Search: Filter footage by people or vehicle attributes for faster investigations

The camera supports multiple smart events including motion detection enhanced by human and vehicle classification to minimize false positives. Basic event triggers cover video tampering, illegal login attempts, and alarm input/output connections. When an alert occurs, the system can link to various actions such as memory card recording, FTP uploads, push notifications, email alarms, or triggering external devices.

Network and Interface Connectivity

The device connects via a self-adaptive 10/100M Ethernet port supporting PoE (802.3at Class 4) for simplified installation. It adheres to standard protocols including TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP, SSL/TLS, IPv6, and ONVIF Profile S/T/G compatibility ensures seamless integration with third-party VMS platforms.

- Simultaneous Live View: Supports 3 main streams and 3 sub-streams concurrently
- Storage Options: Built-in MicroSD slot supporting cards up to 512 GB for local recording
- Security Password protection, HTTPS encryption, IP address filtering, digest authentication, and 802.1X support

Access is available through the VIGI App, Web UI, VMS software, or standard web browsers like Google Chrome, Firefox, Safari, and Edge. The unit includes one alarm input, one alarm output, an audio interface for external connections, and a reset button for troubleshooting.

Environmental Durability

- Ingress Protection: IP67 certified for dust tightness and water resistance against powerful jets
- Vandal Resistance: IK10 rated to withstand significant impact attempts

- Operating Temperature: Ranges from -30 degrees C to 60 degrees C (-22 degrees F to 140 degrees F) ensuring functionality in extreme climates
- Storage Humidity: Reliable operation at up to 95% humidity without condensation

The camera is constructed from durable metal materials and measures 10.5 x 4.6 x 3.5 inches (266 x 116 x 90 mm). It draws power via a 12V DC port or PoE, with a maximum consumption of 21W under full operation. The unit weighs approximately 1.12 kg and carries certifications from CE, FCC, NTRA, VCCI, KC, BSMI, IP67, IK10, and ONVIF.

What's in the box:

- VIGI Network Camera (CAM-S385DPS)
- Quick Start Guide
- Waterproof Cable Attachments
- Mounting Accessories Kit

Specifications:

CAMERA	
Image Sensor	Dual 1/1.79" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	0.0005 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	5 mm
Aperture	Dual F1.0
FOV	Horizontal FOV: 180 degrees, Vertical FOV: 51 degrees, Diagonal FOV: 180 degrees
Lens Mount	M16
DORI Distance	5mm:
	D: 249 ft (76 m)
	O: 95 ft (29 m)
	R: 46 ft (14 m)
	I: 23 ft (7 m)
Angle Adjustment (Manual)	
Range	Pan: 0 degrees to 360 degrees, Tilt: 0 degrees to 90 degrees, Rotation: 0 degrees to 360 degrees
ILLUMINATOR	
IR LED	Quantity: 2
	Range: 164 ft (50 m)
	Wavelength: 850 nm

White LED	Quantity: 2
	Range: 164 ft (50 m)
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
VIDEO	
Max. Resolution	5456 x 1520
Main Stream	Frame Rate :
	50Hz : 1fps 5fps 10fps 15fps 20fps 25fps
	60Hz : 1fps 5fps 10fps 15fps 20fps 24fps
	Resolution:
	5456 x 1520, 4096 x 1152, 2160 x 608
	Note:
	Enabling people counting or object attribute analysis limits the frame rate to 20fps.
Sub-Stream	Frame Rate :
	50Hz : 1fps 5fps 10fps 15fps 20fps 25fps
	60Hz : 1fps 5fps 10fps 15fps 20fps 24fps
	Resolution:
	2160 x 608, 1280 x 360
	Note:
	Enabling people counting or object attribute analysis limits the frame rate 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 8 Mbps
	Sub-Stream: 64 Kbps to 1024 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
SNR	>= 52 dB
Image Parameters Switch	Yes
Privacy Mask	Up to 4 Masks
ROI	4 Regions
OSD Setting	Yes
AUDIO	
Audio Communication	Two-Way Audio
Audio Input	Built-in Dual-Microphone
	Audio In Interface
Audio Output	Built-in Speaker
	Audio Out Interface
Audio Compression	Yes
Audio Sampling Rate	8 KHz
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, SMTP, SNMP
ONVIF	Yes
API	Open Network Video Interface (Profile S/T/G)
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, Web UI, VIGI VMS, VIGI Cloud VMS, VIGI Config Tool, VIGI PC Client

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, 802.1X Authentication
ALARM AND EVENT MANAGEMENT	
Smart Event	Intrusion Detection
	Line-Crossing Detection
	Region Entering Detection
	Region Exiting 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)
	Alarm Input Device
Alarm Linkage	Memory Card Video Recording
	Upload to FTP Server
	Alarm Output Device
	Push Notifications
	Send to Alarm Server
	Active Defence-Sound Alarm
	Active Defence-Light Alarm
	Email Alarm
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	1 Alarm In, 1 Alarm Out
	Red-Blue Warning Lights
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	1 Audio In, 1 Audio Out
GENERAL	
Operating Temperature	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF)
Storage Temperature	-40 degreesC to 60 degreesC (-40 degreesF to 140 degreesF)
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	1.12 kg
Power Supply	12V DC +/- 5%, Max. 18W, 5.5 mm Coaxial Power Plug
	PoE: 802.3at, Class 4, Max. 21W
Protection	IP67 Weatherproof, IK10 Vandal-Proof
Product Dimensions (L x W x H)	10.5 x 4.6 x 3.5 in (266 x 116 x 90 mm)
Certifications	CE, NTRA, VCCI, KC, BSMI, FCC, IP67, IK10, ONVIF

FAQ

Is this camera suitable for outdoor use in extreme weather?
Yes, the TP-LINK VIGI S385DPS is designed with an IP67 weatherproof rating and IK10 vandal-proof construction. It can operate reliably in temperatures ranging from -30 degrees C to 60 degrees C (-22 degrees F to 140 degrees F) and withstand high humidity levels.

How does the night vision and color imaging work?
This camera features Ultra-Low Light ColorPro technology that allows for full-color video even in very low light conditions (down to 0.0005 Lux). It includes both IR LEDs and White LEDs with a range of up to 164 ft (50 m) to ensure clear visibility at night.

What kind of coverage does the panoramic lens provide?
The camera uses dual-lens technology to create a stitched panoramic image with a horizontal field of view of 180 degrees and a vertical field of view of 51 degrees . This allows for wide-area monitoring without needing multiple cameras.

Does this model support audio communication and smart alerts?
Yes, the S385DPS includes built-in dual-microphones and a speaker for two-way audio. It features Red-Blue warning lights and sound alarms for active defense, along with people and vehicle analytics that can trigger push notifications or email alarms.

Can I store video locally on this camera?

Absolutely. The device has a built-in memory card slot that supports MicroSD cards up to 512 GB for local recording. It also supports ONVIF and various VMS clients like the VIGI App or PC Client for remote viewing.

Product Information Online

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

Product page:
https://www.comx.co.za/CAM-S385DPS-TP-Link-CAM-S385DPS-8MP-ColorPro-Panoramic-Vigi-Bullet-IP-Camera-with-p-342555.php

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