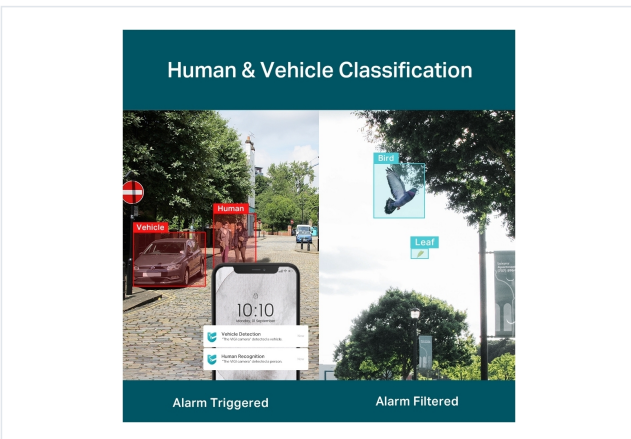
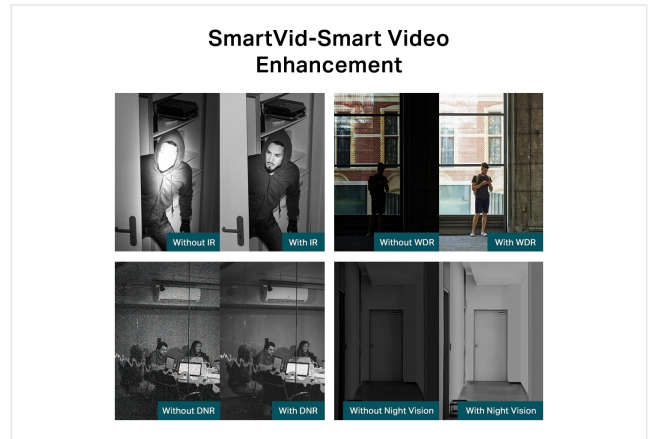


VIGI-C420I(4MM)

TP-Link C420I 2MP IR Turret Network camera with 4mm lens

Product Overview

TP-Link C420I 2MP IR Turret Network camera with 4mm Lens, 3D DNR, DWDR, 1920x1080 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, 30m range IR LED, BLC / 3D DNR / HLC / SmartIR, 1 region ROI, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Motion detection, Human & vehicle classification,



Specifications

Overview:

VIGI C420I - VIGI 2MP IR Turret Network Camera

- 2MP Full-High Definition: The VIGI C420I camera comes with 2MP - more than enough pixels to pick up some of the more discrete details.
- Human & Vehicle Classification: Distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.
- Smart Detection: Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.
- H.265+: Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.
- Smart Video Enhancement: VIGI's professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.
- Corridor Mode: Allows you to change the image aspect ratio from 16:9 to 9:16, and helps to monitor long and narrow areas.
- Simplified Deployment with PoE: Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.
- 2.8/4 mm Lens: Whether you need a wide-angle lens to cover enclosed spaces or a higher millimeter lens for longer distances in open spaces, C420I comes with two different lens types to better suit your security needs.
- Flexible Management : Take full control over your security via three management methods: NVR UI, VIGI app, and VIGI Security Manager.

Features:

Security Never Shuts Down

2MP IR Turret Network Camera VIGI C420I

- High Definition
- Human&Vehicle Classification
- Smart Detection
- SmartVid
- Night Vision
- Smart Video Coding
- Corridor Mode
- PoE
- Remote Monitoring
- ONVIF Ensures Compatibility

2MP Full-High Definition

The VIGI C420I camera comes with 2MP- more than enough pixels to pick up some of the more discrete details.

Human & Vehicle Classification

Integrated AI chips support advanced algorithms to distinguish humans and vehicles from other objects. You can flexibly customize alarm rules to match your monitoring needs and receive more accurate event notifications.

Smart Detection

Backed by AI algorithms, the VIGI camera offers more smart detection. You will receive notifications when someone crosses a boundary, enters an area you've set, obstructs the camera, or removes/abandons objects.

- Motion Detection
- Intrusion Detection
- Object Removal Detection
- Line-Crossing

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- Camera Tampering
- Object Abandoned Detection

SmartVid-Smart Video Enhancement

VIGIs professional technologies process videos to greatly improve their quality that is vital to your monitoring, including Smart IR, WDR, 3D DNR, and Night Vision.

More compression. More savings. Same quality.

Without using any extra bandwidth, your cameras transmit compressed crystal-clear video to save disk space, ease network loads, and reduce monitoring costs without sacrificing image quality.

Corridor Mode

Corridor mode allows you to change the image aspect ratio from 16:9 to 9:16 . This helps to monitor long and narrow areas and provides a more pleasant viewing experience.

Simplified Deployment with PoE

Easily connect and power your PoE camera with one RJ45 cable transmitting both data and power. No power adapter needed.

2.8/4 mm Lens

Whether you need a wide angle lens to cover enclosed spaces like elevators or a higher millimeter lens for longer distances in open spaces like parking lots, C420I comes with two different lens versions to better suit your security needs.

Distance and Detail:

- Identify - Capture every detail to accurately name a person.
- Distinguish - See enough features to tell different individuals apart.

Flexible Installation

Easily route your cameras cable into a dropped ceiling or avoid drilling by slotting it through the cameras side outlet.

Specifications:

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Specifications

Product Code	VIGI-C420I(4MM)
CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	Color: 0.1 Lux, 0 Lux with IR
Day/Night Mechanism	IR Cut Filter
Day/Night Switch	Unified/ Scheduled/ Auto
Lens	2.8 mm/ 4 mm
Aperture	2.8 mm: F2.2
	4 mm: F2.0
Lens Mount	M12
Viewing Angle	2.8mm: 88.2 degrees/48.7 degrees/106.5 degrees(H/V/D)
	4mm: 74.6 degrees/41.3 degrees/88.1 degrees(H/V/D)

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Product Specification Sheet

IR Working Distance	30m
Digital Noise Reduction	3D DNR
WDR	DWDR
LENS	
Type	Fixed Focal Lens
Focal Length	2.8/4 mm
Aperture	2.8 mm: F2.2
	4 mm: F2.0
FOV	2.8mm:
	Horizontal FOV: 88.2 degrees, Vertical FOV: 48.7 degrees, Diagonal FOV: 106.5 degrees
	4mm:
	Horizontal FOV: 74.6 degrees, Vertical FOV: 41.3 degrees, Diagonal FOV: 88.1 degrees
Lens Mount	M12
DORI Distance	2.8 mm
	Detect: 45 m (149 ft)
	Observe:19 m (62 ft)
	Recognize: 9 m (30 ft)
	Identify: 5 m (15 ft)
	4 mm
	Detect: 60 m (198 ft)
	Observe: 25 m (83 ft)
	Recognize: 12 m (40 ft)
	Identify: 6 m (20 ft)
VIDEO	
Max. Resolution	1920 x 1080
Main Stream	Frame Rate :
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution:
	1920x1080, 1280x960, 1280x720
	Note: If the image rotation is set to 90 degrees or 270 degrees, 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 90 degrees or 270 degrees, 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	Main Profile/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 4 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
ILLUMINATOR	
IR LED	Quantity: 1
	Range: 30m
	Wavelength: 850nm
White LED	N/A
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off
ANGLE ADJUSTMENT (MANUAL)	
Range	Pan: 0 degrees to 360 degrees
	Tilt: 0 degrees to 85 degrees
	Rotate: 0 degrees to 360 degrees
IMAGE	
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC Adjustable by Client Software, Rotation(90 degrees/270 degrees)
Image Enhancement	BLC/3D DNR/HLC/SmartIR
Wide Dynamic Range	WDR
SNR	>= 52 dB
Image Parameters Switch	Yes
Privacy Mask	Up to 4 Masks
ROI	1 Region
OSD Setting	Yes
AUDIO	

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Product Specification Sheet

Audio Communication	N/A
Audio Input	N/A
Audio Output	N/A
Audio Compression	N/A
Audio Sampling Rate	N/A
Environment Noise Filtering	Yes
Audio Bit Rate	N/A
NETWORK	
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS
	RTSP, NTP, UPnP UDP, SSL/TLS
API	ONVIF
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, VIGI Security Manager, VIGI NVR
Web Browser	Google Chrome 57 and above
	Firefox 52 and above
	Safari 11 and above
	Microsoft Edge 91 and above
Cloud	Yes
ONVIF	Yes
INTERFACES	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port
Alarm	N/A
Reset Button	N/A
Power	N/A
Button	-
Video Output	-
On-board Storage	N/A
Built-in Microphone	N/A
Built-in Speaker	N/A
Audio	N/A
ALARM AND EVENT MANAGEMENT	
Smart Event	Human & Vehicle Classification, Area Intrusion Detection, Line-Crossing Detection, People Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection
Basic Event	Motion Detection, Video Tampering Detection, Exception (Illegal Login)
Alarm Linkage	Message Push

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Product Specification Sheet

Linkage Method	N/A
Output Notification	Message Push
GENERAL	
Package Contents	VIGI Network Camera
	Quick Start Guide
	Mounting Accessories
Operating Temperature	-30-60 degreesC
Storage Temperature	-40-60 degreesC
Storage Humidity	95% or Less (Non-Condensing)
Operating Humidity	95% or Less (Non-Condensing)
Dimensions(H X W X D)	123 x 123 x 83 mm
Material	Plastic
General Features	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Net Weight	0.19 Kg
Gross Weight	0.34 Kg
Power Consumption	PoE: Class 0
Power Supply	PoE (802.3af/at, class 0)
Protection	N/A
Product Dimensions (L x W x H)	123 x 83 x 123 mm
Certifications	CE/BSMI/VCCI/ONVIF
VIDEO/IMAGE	
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264
	Sub-Stream: H.265/H.264
Frame Rate & Resolutions	Main Stream:
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 1920x1080, 1280x960, 1280x720
	Sub-Stream:
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 704x576, 640x480, 352x288, 320x240
Max. Resolution	2MP (1920 x 1080)
Video Streaming	Main Stream
	Sub-Stream
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software, Rotation(90 degrees/270 degrees)
Image Enhancement	BLC/3D DNR/HLC/SmartIR
Video Bit Rate	64 Kbps to 4 Mbps
Day/Night Switch	Day/Night/Auto/Schedule

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Product Specification Sheet

SMART FEATURE-SET

Smart Event	Human & Vehicle Classification, Intrusion Detection, Line-Crossing Detection, Human Detection, Vehicle Detection, Region Entering Detection, Region Exiting Detection, Object Abandoned Detection, Object Removal Detection
Basic Event	Motion Detection, Camera Tampering Detection, Exception (Illegal Login)
Linkage Method	Trigger Notification: ONVIF, HTTPS
Region of Interest	1 Region

Product Information Online

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

Product page: <https://www.comx.co.za/VIGI-C420I-4MM-TP-Link-C420I-2MP-IR-Turret-Network-Buy-p-285016.php>

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