ComX Computers
Product Specification Sheet

CAM-C440-W-4MM

TP-Link C440-W Vigi 4MP Full-colour Wi-Fi Turret Network camera with 4mm Lens

Product Overview

TP-Link C440-W Vigi 4MP Full-colour Wi-Fi Turret Network camera with 4mm Lens, 1/3" Progressive Scan CMOS image Sensor, 3D DNR, DWDR, 2560x1440 maximum Resolution, H.265+ / H.265 / H.264+ / H.264 Video Compression, 2 IR LED 30m range, 2 White LED 30m range, BLC / 3D DNR / HLC / SmartIR, 1 region ROI, Two-Way audio, 2.4GHz Frequency, Built-In Microphone, Built-In Speaker, 1x RJ45 10/100 Mbit Self-Adaptive Ethernet Port, Support MicroSD card up to 256 GB, Motion detection, People detection







Specifications

Overview:

VIGI C440-W - VIGI 4MP Full-Color Wi-Fi Turret Network Camera

- 4MP Ultra-High Definition : The VIGI C440 comes with 4MP- more than enough pixels to pick up some of the more discrete details.
- 24h Full-Color : Obtain 24-hour color details, even in pitch-black conditions, via high-sensitivity sensor and included spotlight LEDs.
- Wireless Connection : Simple and quick deployment with Wi-Fi signals.
- Smart Detection (motion detection, area intrusion, line-crossing, video tampering): Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.

- H.265+ Smart Coding : 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.
- Remote Monitoring : Manage your security from the palm of your hand with the VIGI app.
- Flexible Management: Take full control over your security via four management methods: the web UI, NVR UI, VIGI app, and VIGI Security Manager.

Features:

All The Colors, All The Time
4MP Full-Color Wi-Fi Turret Network Camera VIGI C440-W

- High Definition
- Full-Color
- Smart Detection
- Active Defense
- Two-Way Audio
- Onboard Storage
- Wired or Wireless Networking
- Smart Video Enhancement
- Remote Monitoring
- Smart Video Coding
- ONVIF Ensures Compatibility

Clarity and Colors, All in One
Monitor 24-hour clear and colorful details even in pitch dark night. VIGI Full-Color camera provides maximum 4MP resolutions and ensures colorful monitoring with its large-aperture lens, high-sensitivity sensor, and attached supplemental lights.

Simple and Fast - Wireless Connection
Enjoy simple wiring with Wi-Fi signals. Just power up your camera, then the transmission starts with its built-in 2x2 MIMO antennas.

Smart Detection
Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.

- Motion Detection Get instant notifications when your camera detects motion.
- Area Intrusion Set customized activity zones around key areas for more focused monitoring.
- Line-Crossing Set a boundary and receive an alert anytime a person crosses it from either or both directions.
- Camera Tampering Receive alerts when someone obstructs the camera.

Active Defense
Warn and expel potential intruders instantly with sound and light alarms when abnormal events are detected.

Every Event is Under Your Control.
VIGI cameras intelligently detects activities, inform you instantly and respond automatically by smart detection and two-way audio.

Smart IR
Keeps objects from being under-rendered when far away or overexposed when close to camera at night.

Wide Dynamic Range
Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.

3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

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.

Flexible Management and Storage
Take full control over your security via three management methods, VIGI NVR, App, and Security Manager. Local storage is available for each method, as well as onboard storage with SD card slot.

Flexible Installation Gives You More Convenience.
Easily route your cameras cable into a dropped ceiling or avoid drilling by slotting it through the cameras side outlet.

Specifications:

CAMERA	
Image Sensor	1/3" Progressive Scan CMOS
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Minimum Illumination	0 lux with IR/white Light
Day/Night Mechanism	IR Cut Filter
Day/Night Switch	Unified/ Scheduled/ Auto
Lens	Fixed focal lens (4 mm)
Aperture	4 mm: F1.6
Lens Mount	M12
Viewing Angle	(4 mm) Horizontal FOV: 79 degrees, vertical FOV: 43 degrees, diagonal FOV: 93 degrees
IR Working Distance	30m
Illumination Distance	30m (LED)
Pan/Tilt Range	Pan: 0 degrees to 360 degrees, Tilt: 0 degrees to 85 degrees, Rotate: 0 degrees to 360 degrees
Digital Noise Reduction	3D DNR
WDR	DWDR
LENS	
Type	Fixed Focal Lens
Focal Length	4 mm
Aperture	F1.6
FOV	Horizontal FOV: 80 degrees, Vertical FOV: 43.2 degrees, Diagonal FOV: 94.2 degrees
Lens Mount	M12
DORI Distance	Detect: 80 m (262 ft)
	Observe: 33 m (109 ft)
	Recognize: 16 m (52 ft)
	Identify: 8 m (26 ft)

VIDEO	
Max. Resolution	2560 X 1440
Main Stream	Frame Rate:
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 2560x1440, 2304x1296, 2048x1280, 1920x1080
Sub-Stream	Frame Rate:
	50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps
	60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 640x480, 352x288, 320x240
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 3 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
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
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
Image Enhancement	BLC/3D DNR/HLC/SmartIR
Wide Dynamic Range	DWDR
SNR	>= 52 dB
Image Parameters Switch	Yes

Privacy Mask	Up to 4 Masks
ROI	1 Region
OSD Setting	Yes
AUDIO	
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	
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
Wireless Rate	11 Mbps (802.11b)
	54 Mbps (802.11g)
	150 Mbps (802.11n)
Frequency	2.4 GHz
Wireless Security	WPA/WPA2-PSK
API	ONVIF
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
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
Audio Input	Built-in Microphone
Audio Output	Built-in Speaker
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
Button	Reset Button
Slot	Micro SD card
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 256 GB

Built-in Microphone	Yes, Records Anything Going on within a 15-ft Radius of the Camera
Built-in Speaker	Yes
Audio	N/A
ALARM AND EVENT MANAGEMENT	
Smart Event	Area Intrusion Detection, Line-Crossing Detection, People Detection
Basic Event	Motion Detection, Video Tampering Detection, Exception (Illegal Login)
Alarm Linkage	Memory Card Video Recording, Message Push, Audible Warning, White Light Flashing
Linkage Method	N/A
Output Notification	Message Push
GENERAL	
Package Contents	VIGI Network Camera
	Quick Start Guide
	Screws and Anchors
	Mounting Template
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 84 mm
Material	Plastic
General Features	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Power Requirements	12V DC +/- 5%, 5.5mm Coaxial Power Plug
Net Weight	0.24 Kg
Gross Weight	0.53 Kg
Power Consumption	12V DC: Max 7W
Power Supply	12V DC +/- 5%, 5.5mm Coaxial Power Plug
Antenna	Quantity: 2
	Type: 2.4GHz Welded Dipole Omni-Directional Antenna
	Gain: 2.0dBi
Protection	N/A
Product Dimensions (L x W x H)	123 x 83 x 123 mm
Certifications	CE, FCC, RCM, BSMI, VCCI, RoHS
WIRELESS	
WiFi Channels	1-13
Frequency	2.4 GHz
Wireless Transmit Power	High
Auto Wireless Channel	N/A

Wireless Statistics	N/A
Throughput Mornitor	N/A
Radio Bandwidth	Auto: N/A
	20M: Yes
	40M: Yes
Wireless Rate	11Mbps(802.11b)
	54Mbps(802.11g)
	150/300Mbps(802.11n)
Wireless Security	PWPA/WPA2-PSK
Wireless Mode	AP, AP Client
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: 2560x1440, 2304x1296, 2048x1280, 1920x1080
	Sub-Stream
	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps
	Resolution: 640x480, 352x288, 320x240
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software
Image Enhancement	BLC/3D DNR/Prevent Overexposure to Infrared Light
Video Bit Rate	Main Stream: 256 Kbps to 4 Mbps
	Sub-Stream: 64 Kbps to 512 Kbps
SMART FEATURE-SET	
Smart Event	Area Intrusion Detection, Line-Crossing Detection
Basic Event	Motion Detection, Video 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-computers.co.za/CAM-C440-W-4MM-TP-Link-C440-W-Vigi-4MP-Full-colour-Wi-Fi-Turret-Network-camera-with-p-293841.php

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