tp-link | VIGI

Datasheet
Security Never Shuts Down

Full-Color

Turret Network Camera

MODEL: VIGI C440(2.8/4mm)



4MP | H.265+

VIGI C440(2.8/4mm)

Human & Vehicle Classification

Smart Detection

Active Defense

Two-Way Audio

Onboard Storage*

Human & Vehicle Classification

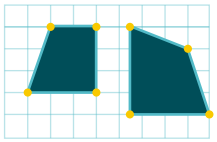
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



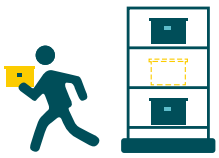
Smart Detection



Motion Detection



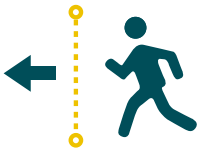
Region Intrusion



Object Removal Detection



Region Exiting Detection



Line-Crossing



Camera Tampering



Object Abandoned Detection



Region Entering Detection

SmartVid

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.

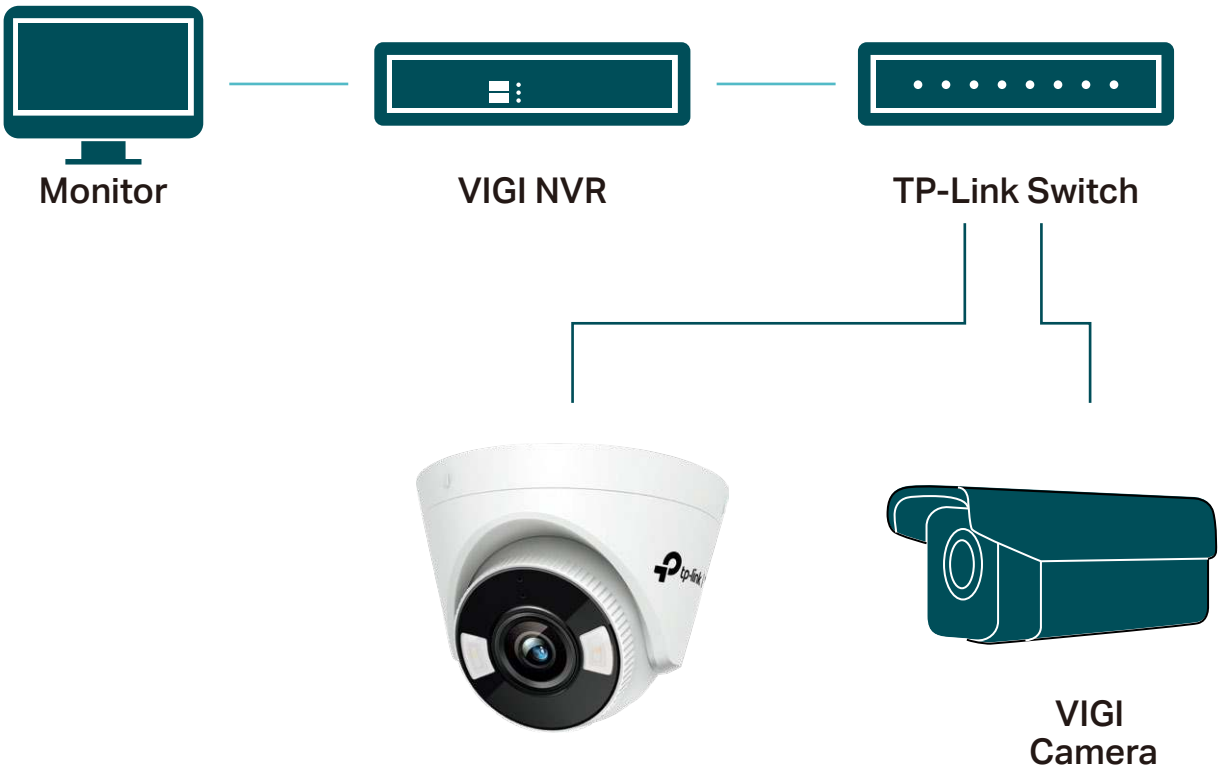
3D DNR

Removes abnormal pixelation to provide clearer video and eliminate distortion.

VIGI Surveillance Solution

The VIGI professional surveillance system by TP-Link is dedicated to protecting the business that you've worked hard to build—whenever, wherever.

Outstanding functions, reliable quality guarantees, and simplified installation work together to ensure your business stays safe and sound.



Flexible Installation

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



Specifications

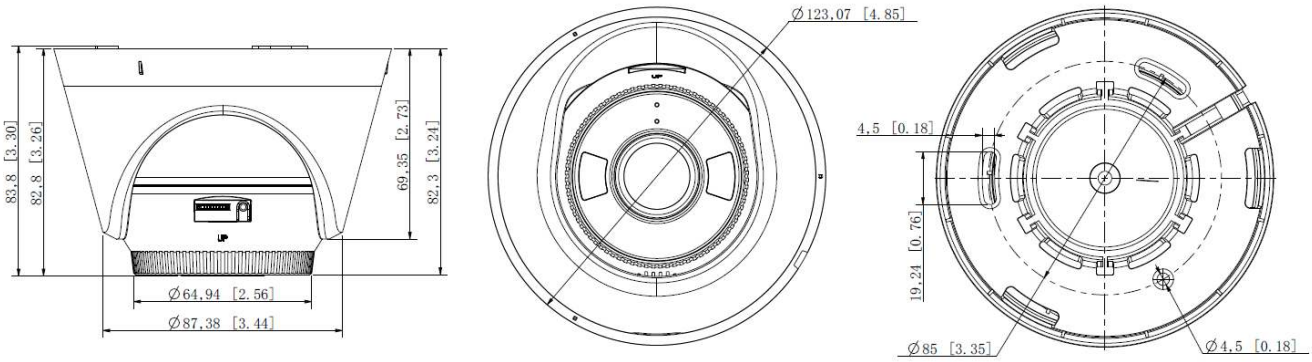
Camera					
Product Model	VIGI C440				
Image Sensor	1/3" Progressive Scan CMOS				
Shutter Speed	1/3 to 1/10000 s				
Slow Shutter	Yes				
Min. Illumination	0.005 Lux; 0 Lux with IR/white light				
Day & Night	IR Cut Filter				
Day/Night Switch	Day/Night/Auto/Schedule-Switch				
Lens					
Type	Fixed Focal Lens				
Focal Length	2.8 mm/4 mm				
Aperture	2.8 mm: F1.6 4 mm: F1.6				
FOV	2.8mm: Horizontal FOV: 101°, Vertical FOV: 57°, Diagonal FOV: 123° 4mm: Horizontal FOV: 86°, Vertical FOV: 48°, Diagonal FOV: 103°				
Lens Mount	M12*P 0.5				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	64 m (209 ft)	27 m (87 ft)	13 m (42 ft)	6 m (21 ft)
	4 mm	80 m (262 ft)	33 m (109 ft)	16 m (52 ft)	8 m (26 ft)
Angle Adjustment (Manual)					
Range	Pan: 0° to 360°, Tilt: 0° to 85° Rotate: 0° to 360°				
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	2560X1440				

Main Stream	Frame Rate 50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps 60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 2560x1440, 2304x1296, 2048x1280,1920x1080,1280x720 Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps.
Sub-Stream	Frame Rate: 50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps 60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 640x480, 352x288, 320x240 Note: If the image rotation is set to 90° or 270°, 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
Image	
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance, Prevent Overexposure to Infrared Light, HLC Adjustable by Client Software, Rotation(90°/270°)
Image Enhancement	BLC/3D DNR/HLC/SmartIR/WDR
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	
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS, FTP/SFTP, RTP, IPv4, IPv6, ARP
Network Storage	NAS (NFS, SMB/ CIFS)
API	Open Network Video Interface (Profile S)
Web Browser	Google Chrome® 57 and above Firefox® 52 and above Safari® 11 and above Microsoft® Edge 91 and above
Security	Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Simultaneous Live View	3 Main Streams & 3 Sub-Streams
Client	VIGI App, VIGI Security Manager, VIGI NVR, Web
Cloud	Yes
ONVIF	Yes
Interface	
Network Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port, PoE
On-board Storage	Built-In Memory Card Slot, Support MicroSD Card, Up to 512 GB
Built-in Speaker	Yes
Built-in Microphone	Yes; Records Anything Going on within a 15-ft Radius of the Camera
Audio	N/A
Alarm	N/A
Reset Button	Yes
Power	DC Power Port
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, Abnormal Sound 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	
Operating Temperature	-30–60 °C
Storage Temperature	-40–60 °C
Operating Humidity	95% or Less (Non-Condensing)

Storage Humidity	95% or Less (Non-Condensing)	
Power Supply	12V DC ± 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)	
Power Consumption	Maximum	6.6 W
	Typical (Day Mode)	1.35 W
	Typical (Night Mode with IR LED)	3.13 W
	Typical (Night Mode with White LED)	3.34 W
Material	Plastic	
Product Dimensions (L x W x H)	Φ123x84 mm	
Package Contents	VIGI Network Camera Quick Start Guide Mounting Accessories	
Net Weight	0.24 Kg	
Gross Weight	0.4 Kg	
Certifications	CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC	

Dimensions



*SD card is not included in the package.

Specifications are subject to change without notice and can be found at www.tp-link.com.

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