Full-Color

Turret Network Camera

MODEL: VIGI C485 (2.8mm/4mm)

4K **H.265+** **VIGI C485**

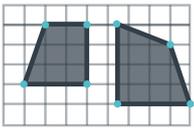| Human & Vehicle Classification | Smart Detection | True WDR | Active Defense |

// Human & Vehicle Classification

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

// Smart Detection

Intrusion Detection

Line-Crossing Detection

Object Removal Detection
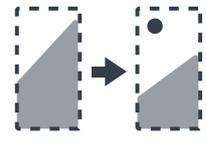
Abandoned Object Detection

Region Entering Detection

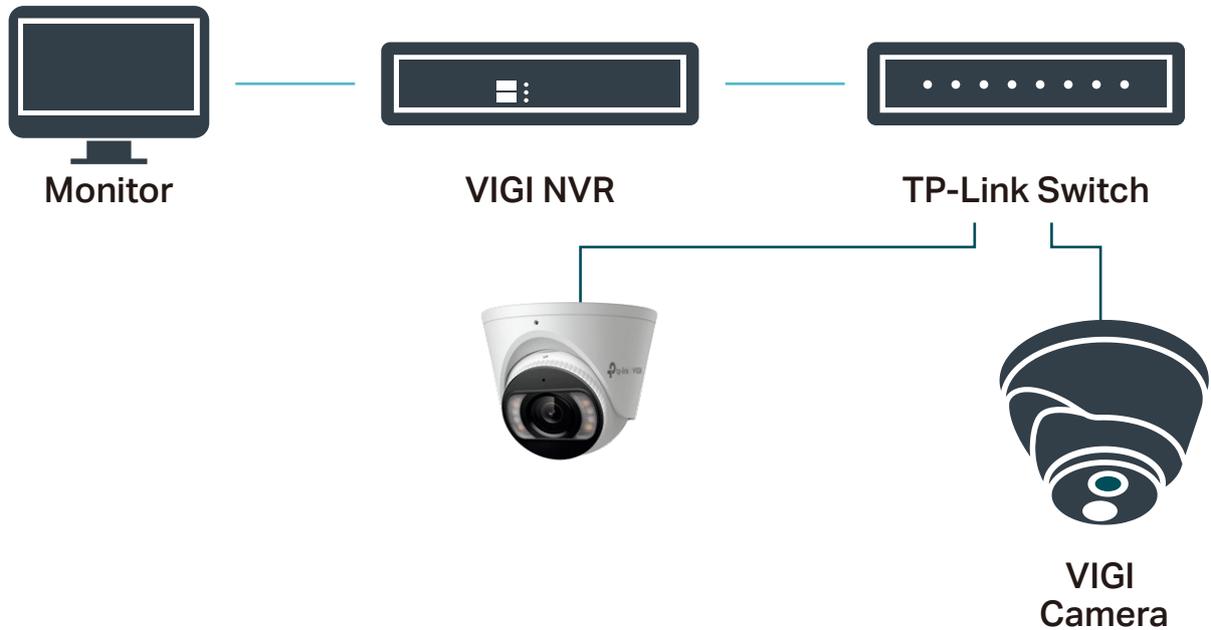**Region Exiting Detection**

Loitering Detection

Scene Change Detection

// 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.

Monitor   VIGI NVR   TP-Link Switch

VIGI Camera

// Flexible Installation

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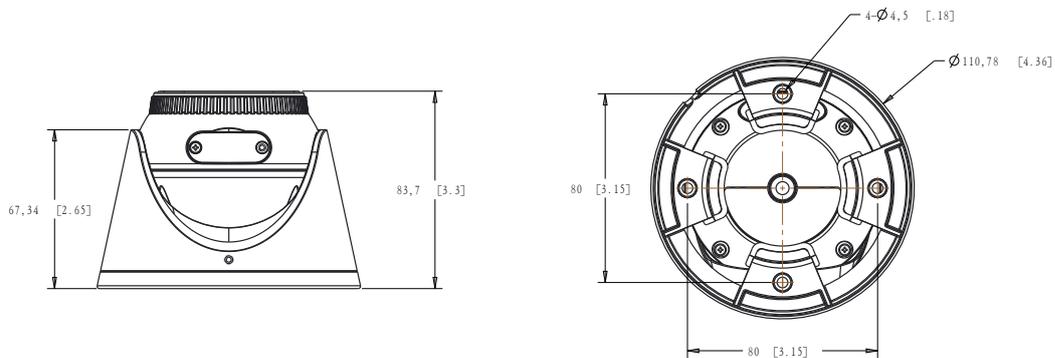
Specifications

Camera	
Product Model	VIGI C485(2.8mm/4mm)
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.005 Lux; 0 Lux with IR/White Light
Shutter Speed	1/3 to 1/10000 s
Slow Shutter	Yes
Day & Night Mechanism	IR Cut Filter
Day/Night Switch	Unified/Scheduled/Auto

Lens	
Type	Fixed Focal Lens
Focal Length	4 mm 2. 8mm
Aperture	F1.6
FOV	4mm: Horizontal FOV:91.5°, Vertical FOV: 46.1°, Diagonal FOV: 109.6° 2.8mm: Horizontal FOV:111.4°, Vertical FOV: 58.8°, Diagonal FOV: 134°
Lens Mount	M12
DORI Distance	4 mm: Detect: 107 m (350 ft) Observe: 44 m (146 ft) Recognize: 21 m (70 ft) Identify: 11 m (35 ft) 2.8 mm: Detect: 85 m (278 ft) Observe: 35 m (116 ft) Recognize: 17 m (56 ft) Identify: 8 m (28 ft)

Illuminator	
IR LED	Quantity: 4 Range: 30m Wavelength: 850nm
White LED	Quantity: 4 Range: 30m
Illuminator On/Off Control	Auto/Scheduled/Always on/Always off

Video	
Max. Resolution	3840x2160

Main Stream	Frame Rate 50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps 60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps Resolution: 3840x2160, 2560x1440, 2304x1296, 2048x1280, 1920x1080, 1280x720 Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps. If HDR is turned on, the frame rate can only support up to 20fps.
Sub-Stream	Frame Rate 50Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps 60Hz: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps Resolution: 704x576, 640x480, 352x288, 320x240 Note: If the image rotation is set to 90° or 270°, the frame rate only supports up to 20fps. If HDR is turned on, the frame rate can only support 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
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, HLC Adjustable by Client Software
Day/Night Switch	Unified, Scheduled, Auto
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	120dB
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

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,VMS
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 256 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 • Intrusion Detection • Line-Crossing Detection • Region Entering Detection • Region Exiting Detection • Object Abandoned Detection • Object Removal Detection • Loitering Detection • Smart Frame • People Detection • Vehicle Detection
Basic Event	• Motion Detection • Video Tampering Detection • Exception (Illegal Login) • Scene Change Detection
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%, Max. 11.5W, 5.5mm Coaxial Power Plug PoE: 802.3af/at, class 0, Max. 12.5 W
Material	Metal
Protection	IP67
Product Dimensions (L x W x H)	111*111*83.7mm
Package Contents	VIGI Network Camera Quick Start Guide Waterproof Cable Attachments Mounting Accessories
Net Weight	0.48 Kg
Certifications	CE, NTRA, VCCI, KC, BSMI, FCC, IC

Dimensions

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