IR Turret
Network Camera

MODEL: VIGI C420I (2.8/4mm), VIGI C430I (2.8/4mm), VIGI C440I (2.8/4mm)

H.265+

2/3/4MP

Human & Vehicle Classification

Smart Detection

SmartVid

Remote Monitoring
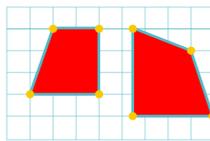
// Human & Vehicle Classification

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

// Smart Detection

Motion Detection

Area Intrusion

Object Removal

Line-Crossing

Camera Tampering

Abandoned Object

// SmartVid

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

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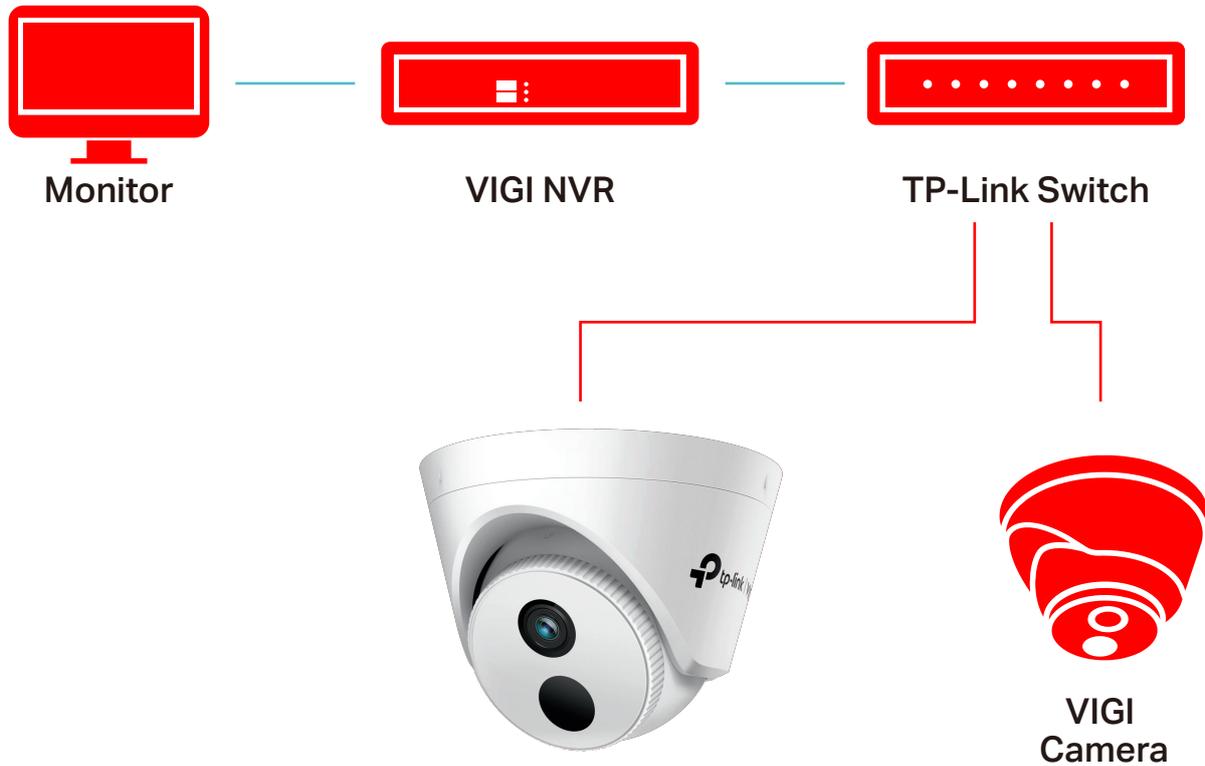Adjusts for lighting contrast to minimize shadowing effects and renders images true to life.

3D DNR
Removes abnormal pixelation to provide clearer video and eliminate distortion.
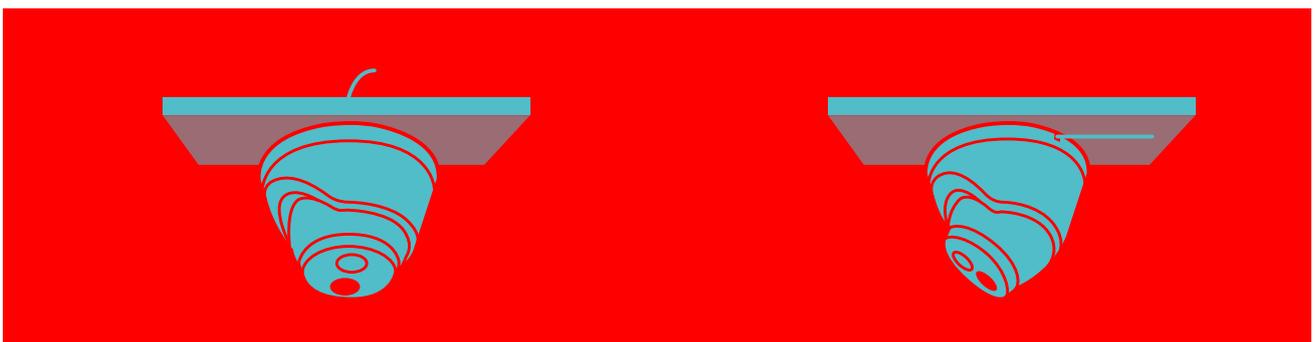
VIGI Surveillance Solution

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.

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 C420I	VIGI C430I	VIGI C440I
Image Sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.1 Lux; 0 Lux with IR		
Day & Night	IR Cut Filter		
Digital Noise Reduction	3D DNR		
WDR	DWDR		

Lens

Focal length	2.8 mm/4 mm	2.8 mm/4 mm	2.8 mm/4 mm
Aperture	2.8mm: F2. 2 4mm: F2.0	2.8mm: F2. 2 4mm: F2.0	2.8mm: F2. 2 4mm: F2.2
Focus	Fixed		
FOV	2.8mm: 88.2°/48.7°/106.5° (H/V/D) 4mm: 74.6°/41.3°/88.1° (H/V/D)	2.8mm: 97.8°/52.9°/117.9° (H/V/D) 4mm: 82.5°/44.9°/99.3° (H/V/D)	2.8mm: 88.8°/48.9°/106.5° (H/V/D) 4mm: 75.1°/41.5°/88.7° (H/V/D)
Lens Mount	M12	M12	M12

IR

IR Range	30m
Wavelength	850nm

Compression Standard

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	64 Kbps to 4 Mbps

Smart Feature-set

Smart Event	Human & Vehicle Classification, Area Intrusion Detection, Line-Crossing Detection, People Detection, Area Entrance Detection, Area Exiting Detection, Abandoned Object Detection, Object Removal Detection, Vehicle Detection
Basic Event	Motion Detection, Video Tampering Detection, Exception (illegal login)
Linkage Method	Trigger Notification: ONVIF, HTTPS
Region of Interest	1 Region

Image

Max. Resolution	2MP (1920 × 1080)	3MP (2304 × 1296)	4MP (2560 × 1440)
Main Stream	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 1920x1080, 1280x960, 1280x720	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 2304x1296, 2048x1280, 1920x1080, 1280x720	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 2560x1440,2304x1296, 2048x1280, 1920x1080, 1280x720
Sub-Stream	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 704x576, 640x480, 352x288, 320x240	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 704x576, 640x480, 352x288, 320x240	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 640x480, 352x288, 320x240
Image Enhancement	BLC/3D DNR/HLC/SmartIR		
Image Settings	Mirror, brightness, contrast, saturation, sharpness, exposure, WDR, white balance, HLC adjustable by client software, Rotation(90°/270°)		
Day/Night Switch	Day/Night/Auto/Schedule		

Network

Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS		
General Function	Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening		
API	ONVIF		
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	VIGI App, VIGI Security Manager, VIGI NVR, Web	VIGI App, VIGI Security Manager, VIGI NVR, Web

Interface

Communication Interface	1 RJ45 10/100M Self-Adaptive Port		
Video Output	No		
Reset Button	N/A		

General

Operating Temperature	-30–60 °C		
Power Supply	PoE (802.3af/at, class 0)	12V DC ± 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)	12V DC ± 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)
Power Consumption	PoE: class 0	12V DC: Max 5W PoE: class 0	12V DC: Max 5W PoE: class 0
Material	Plastic		
Product Dimensions	123 × 123 × 83 mm		
Certification	CE/BSMI/VCCI/ONVIF		