tp-link | VIGI

Datasheet
Security Never Shuts Down

Full-Color

Turret Network Camera

MODEL: VIGI C430(2.8/4mm)



3MP | H.265+

VIGI C430(2.8/4mm)

Human & Vehicle Classification

Smart Detection

Built-In Microphone

Remote Monitoring

Human & Vehicle Classification

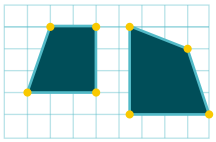
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.



Smart Detection



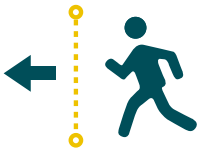
Motion Detection



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.

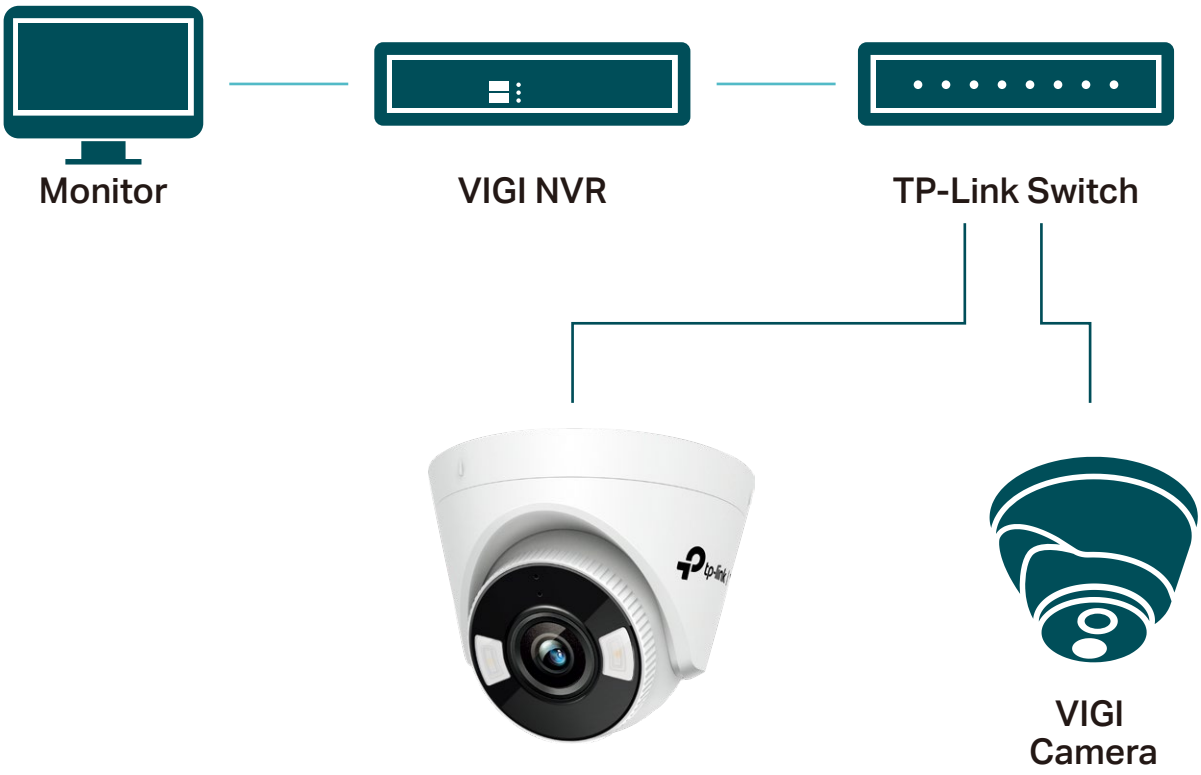
3D DNR

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.



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	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux; 0 Lux with IR/white light
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Lens	
Focal length	2.8/4mm
Aperture	F1.6
Focus	Fixed
FOV	2.8mm: 107.5°/57.2°/128.7°(H/V/D) 4mm: 89.1°/45.1°/106.9°(H/V/D)
Lens Mount	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	3MP (2304 × 1296)
Main Stream	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 2304x1296, 2048x1280, 1920x1080, 1280x720
Sub-Stream	Frame Rate: 1fps, 5fps, 10fps, 15fps, 20fps, 25fps, 30fps Resolution: 704x576, 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, Web
Interface	
Communication Interface	1 RJ45 10/100M Self-Adaptive Ethernet Port
Video Output	No
Reset Button	No
General	

Operating Temperature	-30–60 °C
Power Supply	12V DC ± 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)
Power Consumption	12V DC: Max 4.2W PoE: Class 0
Audio Communication	Built-In Microphone
Material	Plastic
Product Dimensions	123 × 123 × 83 mm
Certifications	CE/VCCI/BSMI/KC/ONVIF

Security Standards Compliance

All VIGI products are fully compliant with the following security and safety standards:

EN 55032:2015 + A11:2020

EN 55035:2017 + A11:2020

EN IEC 61000-3-2:2019 + A1:2021

EN 61000-3-3:2013 + A2:2021

EN IEC 61000-6-3:2021 + AC:2022-01

EN IEC 61000-6-1:2019

EN 50130-4:2011 + A1:2014

EN 62368-1:2014 + A11:2017

EN IEC 63000:2018

(EU) 2023/826

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

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