

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

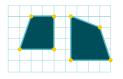
Intelligently distinguishes humans and vehicles from other objects, so you receive more accurate event notifications.





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.



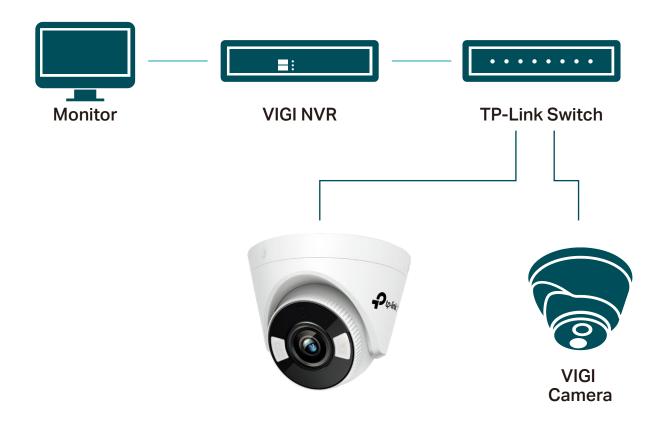
3D DNR

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.



I 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
Day/Night Switch Network	Day/Night/Auto/Schedule
	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS
Network	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS,
Network Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password
Network Protocols General Function	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening
Network Protocols General Function API	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP
Network Protocols General Function API Security	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication
Network Protocols General Function API Security Simultaneous Live View	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication 3 Main Streams & 3 Sub-Streams
Network Protocols General Function API Security Simultaneous Live View Client	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication 3 Main Streams & 3 Sub-Streams
Network Protocols General Function API Security Simultaneous Live View Client Interface	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication 3 Main Streams & 3 Sub-Streams VIGI APP, VIGI Security Manager, VIGI NVR, Web
Network Protocols General Function API Security Simultaneous Live View Client Interface Communication Interface	TCP/IP, UDP, ICMP, HTTP, HTTPS, DHCP, DNS, RTSP, NTP, UPnP UDP, SSL/TLS Two Streams, Mirror, Privacy Masks, Password Reset via E-mail, HTTP Listening ONVIF Password Protection, HTTPS Encryption, IP Address Filter, Digest Authentication 3 Main Streams & 3 Sub-Streams VIGI APP, VIGI Security Manager, VIGI NVR, Web

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

Specifications are subject to change without notice and can be found at www.tp-link.com. $@2022\ TP-Link$