

**Datasheet** Security Never Shuts Down

# IR Dome Network Camera

MODEL: VIGI C220I (2.8/4mm), VIGI C230I (2.8/4mm), VIGI C240I (2.8/4mm)







Human & Vehicle Classification Smart Detection



**IK10 Vandal Proof** 



**IP67 Waterproof** 

### 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



#### 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 C220I	VIGI C230I	VIGI C240I	
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°	2.8mm: 97.8°/52.9°/117.9° (H/V/D) 4mm: 82.5°/44.9°/99.3°	2.8mm: 88.8°/48.9°/106.5° (H/V/D) 4mm: 75.1°/41.5°/88.7°	
	(H/V/D)	(H/V/D)	(H/V/D)	
Lens Mount	M12	M12	M12	
IR				
IR Range	30m			
Wavelength	850nm			
Compression Sta	ndard			
Video Compression	Main Stream: H.265+/H.265/ H.264+/H.264 Sub-Stream: H.265/H.264			
Н.264 Туре	Main Profile/High Profile			
H.264+	Main Stream Supported			
Н.265 Туре	Main Profile			
H.265+	Main Stream Supported			
Video Bit Rate	64 Kbps to 4 Mbps			
Smart Feature-se	t			
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			

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		
		editis	
User/Host	Up to 32 Users		
User/Host Client		VIGI App, VIGI Security Manager, VIGI NVR, Web	VIGI App, VIGI Security Manager, VIGI NVR, Web
	Up to 32 Users VIGI App, VIGI Security	VIGI App, VIGI Security	
Client	Up to 32 Users VIGI App, VIGI Security	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication Interface	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR 1 RJ45 10/100M Self-Adapt	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication Interface Video Output	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR 1 RJ45 10/100M Self-Adapt	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication Interface Video Output Reset Button	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR 1 RJ45 10/100M Self-Adapt	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication Interface Video Output Reset Button General	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR 1 RJ45 10/100M Self-Adapt No N/A	VIGI App, VIGI Security Manager, VIGI NVR, Web	
Client Interface Communication Interface Video Output Reset Button General Operating Temperature	Up to 32 Users VIGI App, VIGI Security Manager, VIGI NVR 1 RJ45 10/100M Self-Adapt No N/A -30–60 °C	VIGI App, VIGI Security Manager, VIGI NVR, Web tive Port 12V DC ± 5%, 5.5mm Coaxial Power Plug	Manager, VIGI NVR, Web 12V DC ± 5%, 5.5mm Coaxial Power Plug

Vandal Resistant	IK10
Material	Plastic
Product Dimensions	115 ×115 × 86 mm
Certification	CE/BSMI/VCCI/ONVIF

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