

3MP Outdoor Bullet Network Camera

MODEL: VIGI C300HP-4 / VIGI C300HP-6 Ver2.0



H.265+

4 mm / 6 mm
Fixed Lens



Smart
Detection



Night Vision



IP67



Remote
Monitoring



PoE/12V DC



SmartVid

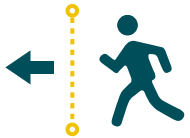
// Smart Detection

Receive notifications and check feeds when someone crosses a boundary, enters an area you've set, or obstructs the camera.



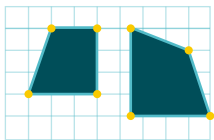
Motion Detection

Get instant notifications when your camera detects motion.



Line-Crossing

Set a boundary and receive an alert anytime a person crosses it from either or both directions.



Area Intrusion

Set customized activity zones around key areas for more focused monitoring.



Camera Tampering

Receive alerts when someone obstructs the camera.

// 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.

// Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.1 Lux@F2.0; 0 Lux with IR
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Lens	
Focal length	4 mm / 6 mm
Aperture	4 mm: F2.2 6 mm: F2.0
Focus	Fixed
FOV	4 mm, horizontal FOV: 82.5°, vertical FOV: 44.9°, diagonal FOV: 99.3° 6 mm, horizontal FOV: 51.9°, vertical FOV: 28.7°, diagonal FOV: 60°
Lens Mount	M12
IR	
IR Range	30m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/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 6 Mbps
Smart Feature-set	
Smart Event	Area Intrusion Detection, Line-Crossing 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/Prevent Overexposure to Infrared Light
Image Settings	Mirror, Brightness, Contrast, Saturation, Sharpness, Exposure, WDR, White Balance Adjustable by Client Software
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	4 Main Streams & 3 Sub-Streams, or 3 Main Streams & 5 Sub-Streams
User/Host	Up to 21 Users
Client	VIGI Security Manager, VIGI app
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 \pm 5%, 5.5mm Coaxial Power Plug PoE (802.3af/at, class 0)
Power Consumption	12V DC: Max 3W PoE: Max 4W
Protection Level	IP67
Material	Plastic
Product Dimensions	164.9 × 87.4 × 83.4 mm
Product Weight	283.5g
Certifications	CE, RoHS

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