

VIGI Network Video Recorder

Simple Management

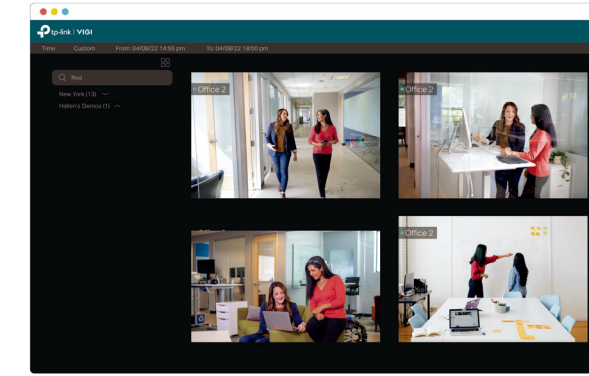
Plug & Play

Quickly create a security system by connecting your camera with VIGI PoE NVR via an Ethernet cable. UPnP and ONVIF allows VIGI NVR to add cameras from different vendors.



Smart Search

Efficiently search out and review certain video clips by event, vehicle, person, time, and more.



Product Specifications

Product Type	Pan Tilt Camera			Bullet Camera			Dome Camera		Turret Camera	
Product Model	VIGI C580-W*	VIGI C580-4G*	VIGI C540V	VIGI C380*	VIGI C340S*	VIGI C340**	VIGI C280*	VIGI C240	VIGI C480*	VIGI C440**
Product Image										
Pixels	8MP, Full-Color	8MP, Full-Color	4MP, Full-Color	8MP, Full-Color	4MP, Night-Piercing Color Vision	4MP, Full-Color	8MP, Full-Color	4MP, Full-Color	8MP, Full-Color	4MP, Full-Color
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Aperture	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6	F1.6
Focal Length	4mm	4mm	4mm to 12mm	2.8mm/4mm/6mm	2.8mm/4mm/6mm	2.8mm/4mm/6mm	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm	2.8mm/4mm
Min. Illumination	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.0005 Lux; 0 Lux with white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light	Color: 0.005 Lux; 0 Lux with IR/white light
Video Compression	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264
Smart Detection***	•	•	•	•	•	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•	-	•	•	•	-
Facial Recognition	•	-	-	•	•	-	•	-	•	-
SmartVid	•	•	•	•	•	•	•	•	•	•
WDR	120dB	120dB	DWDR	120dB	120dB	DWDR	120dB	DWDR	120dB	DWDR
IR Range	30 m	30 m	30 m	30 m	-	30 m	30 m	30 m	30 m	30 m
White Light Range	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m
Built-In Microphone	•	•	•	•	•	•	•	•	•	•
Built-In Speaker	•	•	•	•	•	•	•	•	•	•
Micro-SD Card Slot	•	•	•	•	•	•	•	•	•	•
Network	Wi-Fi/Ethernet	4G/Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	IP66	IP66	IP66	IP67	IP67	IP66	IP67;IK10	IP67;IK10	IP67	-
Power Supply	DC 12V	DC 12V	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE

Product Type	VIGI Network Video Recorder					
Product Model	VIGI NVR4032H	NVR1016H	VIGI NVR1008H-8MP	VIGI NVR1008H	VIGI NVR1104H-4P	VIGI NVR1004H-4P
Product Image						
Network Video Access Bandwidth	320 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps
Network Video Input	32 channels	16 channels	8 channels	8 channels	4 channels	4 channels
PoE Interface	-	-	8*10/100 Mbps, Max 113W, 802.3 af/at	-	4*10/100 Mbps, Max 53W, 802.3 af/at	4*10/100 Mbps, Max 53W, 802.3 af/at
Video Compression	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264
Smart Analysis	Facial Detection and Analytics/ Human/Vehicle Analysis	-	-	-	-	-
Recorded Resolution	Up to 8K (32MP)	Up to 4K (8MP)	Up to 4K (8MP)	Up to 4K (8MP)	Up to 4K (8MP)	Up to 4K (8MP)
Video Interface	1 HDMI & 1 VGA Independent Output	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA
Hard Drive	4 SATA interface (Max10TB for each)	1 SATA interface (Max10TB for each)	1 SATA interface (Max10TB for each)	1 SATA interface (Max10TB for each)	1 SATA interface (Max10TB for each) (HDD Quick Installation)	1 SATA interface (Max10TB for each)
Power Supply	100 to 240 VAC, 50 to 60 Hz	DC 12 V, 1.5 A	DC 53.5 V, 2.43 A	DC 12 V, 1.5 A	DC 53.5 V, 1.31 A	DC 53.5 V, 1.31 A



*These products may be in development. Actual products may vary from displayed images and features.
**Functions of these products may slightly vary based on product version.
***Smart Detection refers to multiple AI detections and may vary based on product versions. AI detections include Object Abandoned Detection, Object Removal Detection, Region Entering Detection, Region Exiting Detection, Vehicle Detection, and Human Detection.

Technical support and case sharing. Your direct dialogue with VIGI. When it comes to your business, we know you want to learn more...

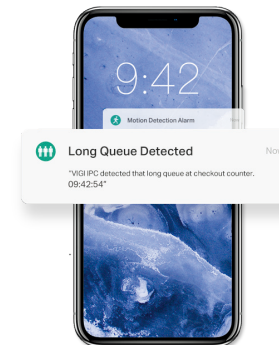
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VIGI Management System

VIGI APP

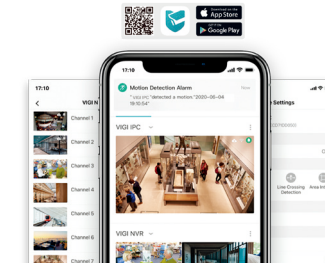
Instant Alert

Get notifications as soon as event happens, and manage your security from the palm of your hand with the VIGI app.



Remote Monitoring

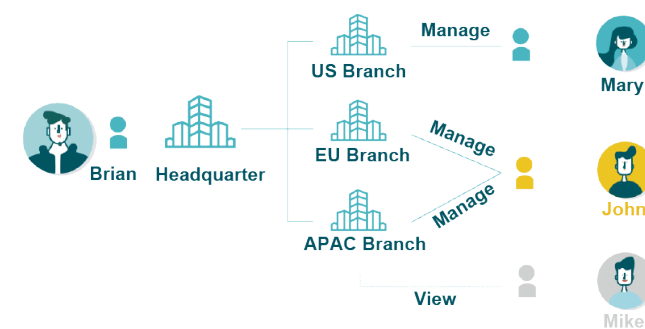
Keep an eye on things even when you are on the move. Easily adjust live view options to control every corner and see more details.



VIGI VMS

Assign Different Management Roles

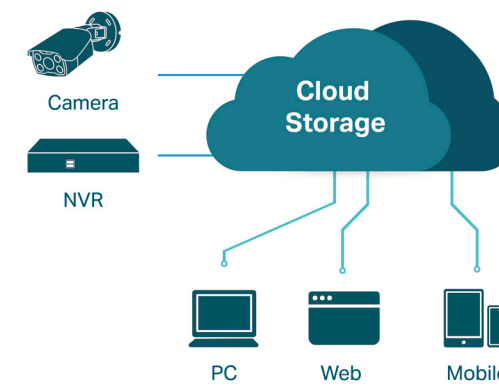
Take advantage of multi-person management and multi-level permissions. Enjoy flexible operations and maintenance as well as reliable security that suit your situations.



VIGI Cloud Service

Reliable & Flexible Cloud Storage

Enjoy fast and durable storage of videos on the cloud. Check feedback at anytime and anywhere with secure and reliable access.



Security Never Shuts Down

VIGI Surveillance Solution



VIGI Solution for Your Security

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 safe and sound.

Product/Management



Network Camera

Provide 24/7 Full-Color images and reliable monitoring for vigilant security.



Network Video Recorder (NVR)

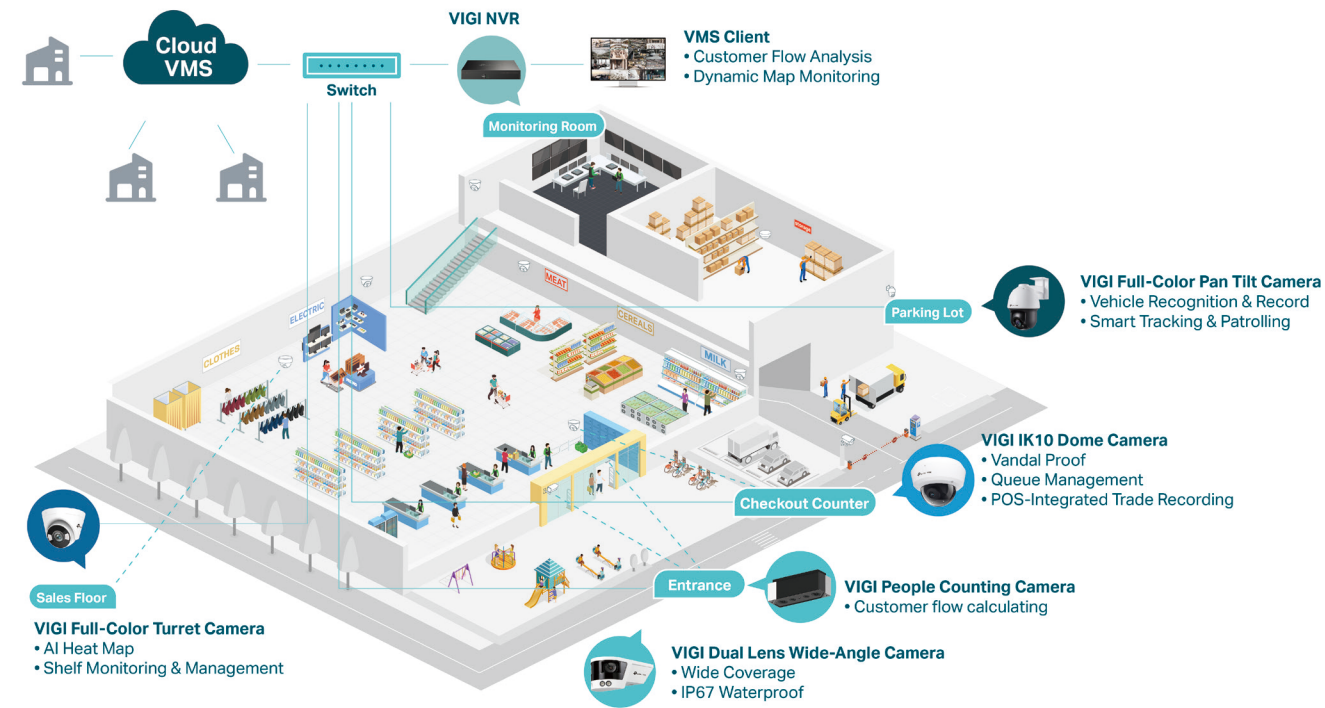
The nerve center of any surveillance system with extensive storage, simultaneous viewing, and more advanced features.



Management System

Seamlessly manage the NVR and cameras. Customize the management systems to suit your specific needs.

Typical Application-Retail



Solution Features

Loss Prevention

Have everything under control with the VIGI AI defense system. Receive notifications as soon as an abnormality is detected and actively defend your property with VIGI cameras.

Improve Services

Inform and arrange your clerks when needed to improve shopping experiences, such as a quick checkout with less waiting, and a tidy assortment of goods on the shelves.

Promote Benefits

VIGI is your powerful assistant to analyze what your customers are interested in and how to increase sales. AI-driven data collection and analysis support your activities with actionable data.

VIGI Network Camera

Smart/AI Detection

Highlight Review

Accurate event detection based on AI features target intrusion and suspicious acts near.

Human

Accurate detection allows for quick action with intelligent recognition of people and related features.



Vehicle

Get multiple attributes of vehicles with AI detection for quick search and easy management.



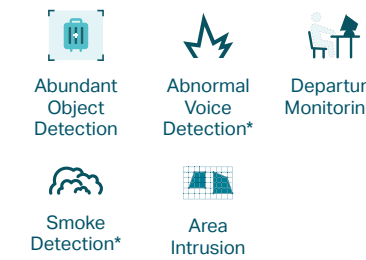
Business Insight

Intelligent analysis supports your business and helps you learn more about your customers.



Area/Event

Strong awareness of events and areas based on a combination of detection methods.



Accurate Classification

Stable Classification

Clearly recognizes humans and vehicles regardless of weather and light even on cloudy, rainy, foggy days, or behind glass.



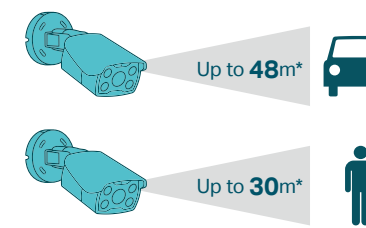
High Accuracy

Accurately recognizes human motion, even if the subject isn't in full view.



Long Distance

Detects humans and vehicles from long distance to never miss anything important.



*These functions may be in development and may vary from displayed images and features

VIGI Network Camera

High-Quality Imaging

Night-Piercing Color Vision

VIGI developed its night monitoring technologies to secure every night. VIGI Night-Piercing Color Vision cameras with high-sensitive sensors maintain premium imaging at night, capturing more details and colors even in pitch-black conditions.



Naked Eyes



IR Night Vision Camera



VIGI Night-Piercing Color Vision Camera*

3x Zoom

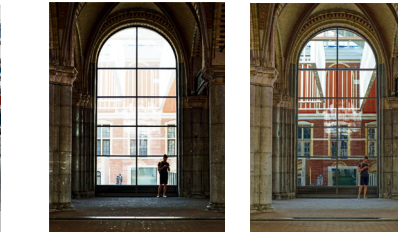
With a 3x zoom and excellent image quality, VIGI cameras allow for closer viewing of subjects in expansive areas.



3x

Up to 120 dB WDR

VIGI cameras with high dB value and smart area-based algorithms smartly prevent objects from being overexposed or underexposed.



Without WDR

With WDR

Smart IR

Automatically adjusts IR lights and keeps objects from being under-rendered when far away or washed out when close to the camera.

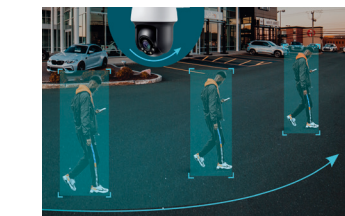


Normal IR

Smart IR

Efficient Monitoring

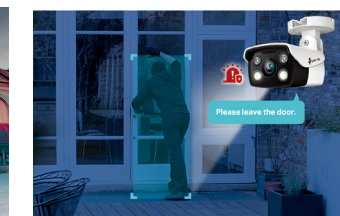
Automatic Tracking



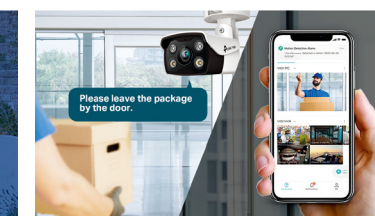
Customized Patrol



Active Defense



Two-Way Audio



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