IP Surveillance Solutions

VIGI
by tp-link

Retail | Hospitality | Education | and more

CORPORATE PROFILE

Headquartered in the United States, TP-Link is a global provider of reliable networking devices and smart home products, consistently ranked as the world's top provider of Wi-Fi devices. The company is committed to delivering innovative products that enhance people's lives through faster, more reliable connectivity. With a commitment to excellence, TP-Link serves customers in over 170 countries and continues to grow its global footprint.

About VIGI

VIGI is committed to providing intelligent, professional, and reliable solutions, products, and services customized for Small and Medium Businesses (SMBs), safeguarding your business security while fostering business growth. Our product range includes cameras, network video recorders, solar power system, VIGI VMS, VIGI App, and more, tailored to various industries such as retail, hotels, schools, restaurants, offices, and beyond.
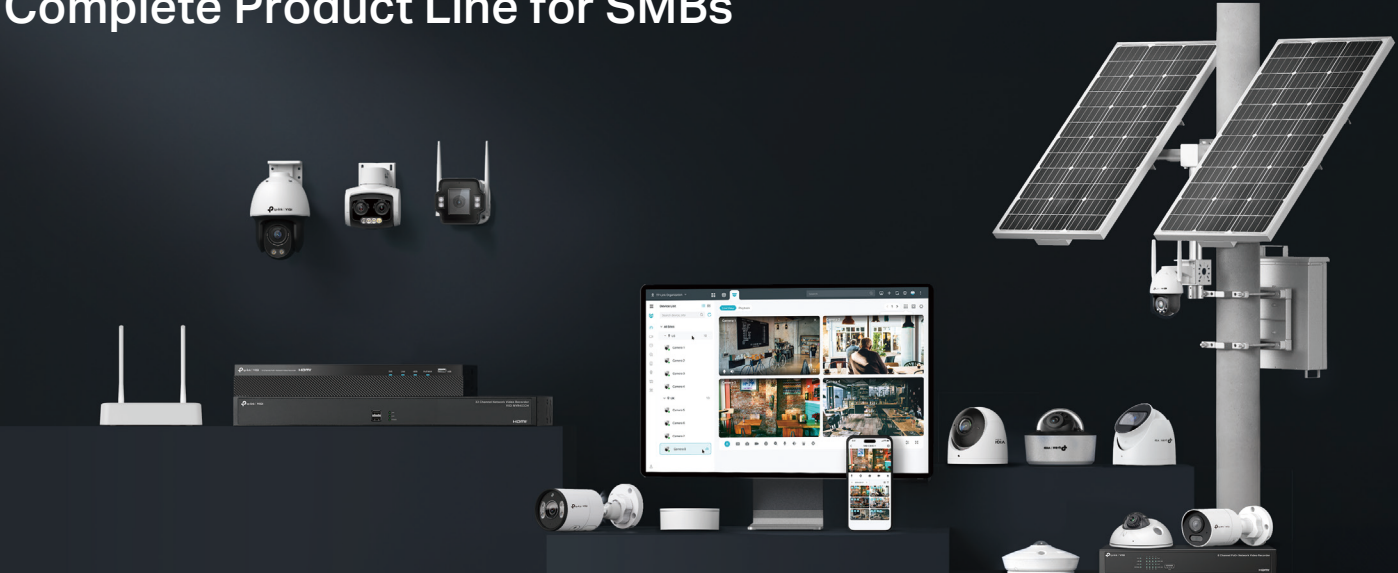
Looking ahead, VIGI will introduce new products including access control, fire protection, smart parking, and additional services, further fortifying and expanding your business.

CONTENTS

Why Choose VIGI

Complete Product Line for SMBs

NDAA COMPLIANT

Software Services	Cameras	NVRs	Solar Power System	Accessories
From App, VMS to Project Design and Config Tools	Dome/Bullet/Turret/ PT/Fisheye	4/8/16/32/64 Channels	60/90/180W Solar Panel	Junction Box/ Mounting Bracket

Competitive and Reliable Products

Independent R&D **In-house Factory** **Metal Case for Long Use**

F1.0 Aperture
1/1.8" Sensor
AI-Powered ISP Module
Metal Case
Universal Metal Ball Bracket

Integrated Infrared-White Lights
Microphone
MicroSD Card Slot
Speaker

Main Factory

Injection Molding Plant   Molding Plant   Antenna Plant   Power Adapter Plant   Connector Plant
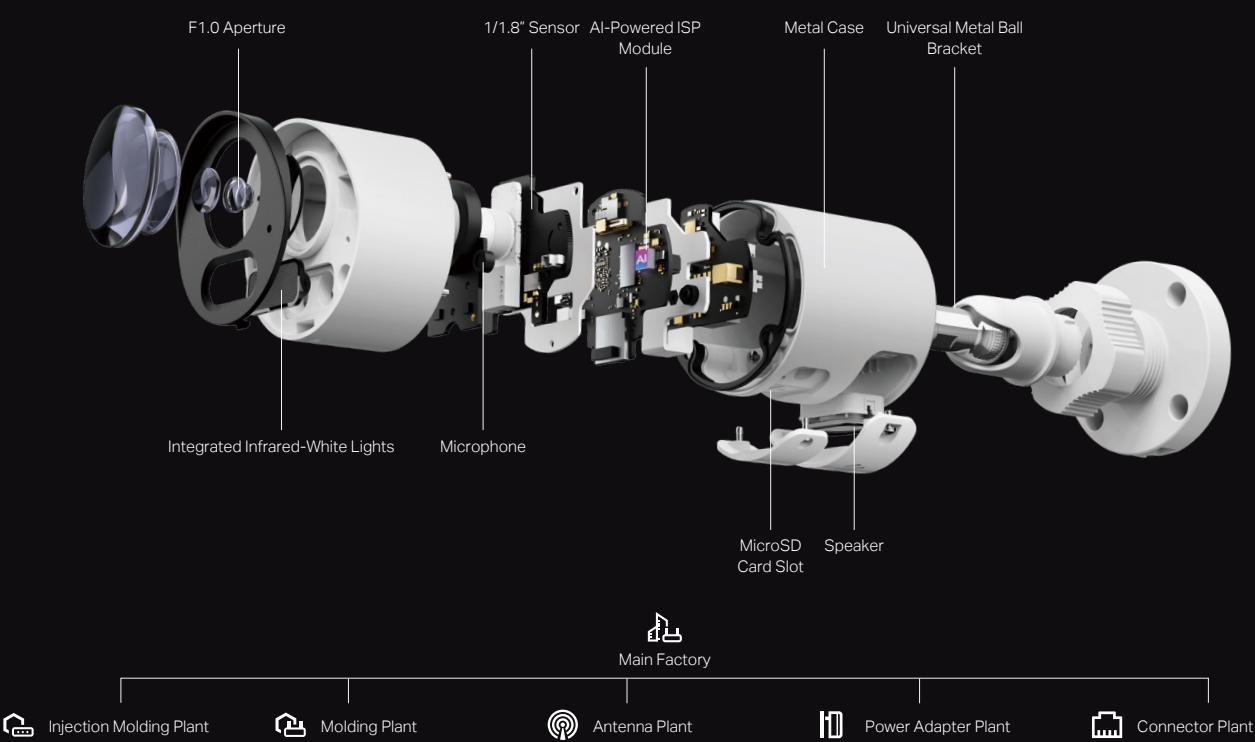
Superior Technology and Design

Outstanding Imaging

- ColorPro 2.0 Night Vision
- Dual-lens Panoramic

Advanced AI

- License Plate Recognition
- Face Recognition

Innovative Design

- Solar System with MPPT Controller
- 4G Camera with 3× LAN Ports

Easy to Use, Gains More Profits

- Faster Installation, Save Your Time
- Streamlined Setup, No Technical Skills Required
- Project Design Tool for Quick Proposal Creation
- Maintain Without On-site Visits, Reduced Costs

Local Sales and Product Support*

- Professional Local Support Teams
- Dedicated VIGI Online Support
- Local Warehouse for Ex-stock
- Long and Efficient Warranty

Trusted By Customers Worldwide

170+
Countries & Regions

10+
Industries

*Varies between regions and countries.

Dedicated Partner Platforms

Solution X
Join TP-Links Partner Program

Lucrative Margins

Enjoy competitive pricing and attractive margins on Omada and VIGI products to maximize your profitability.

Co-marketing Opportunities

Collaborate with TP-Link on marketing initiatives to boost your brand visibility and attract more customers.

Dedicated Support

A dedicated account manager is available to increase business opportunities and help partners take advantage of program benefits.

New Technology

Gain an early preview of new products, providing a glimpse into the innovative and exciting offerings that will influence the future of the market.

Training & Certification

Stay ahead of the curve with exclusive training programs and certifications, equipping you with the knowledge to excel in the rapidly changing technology landscape.

Pre And Post Sales Support

Providing assistance before and after the purchase to address inquiries, enhance satisfaction, and build lasting relationships.

Note: Benefits will vary based on countries and qualifications.

TP-Partner App

Enjoy Easier Access to Product Info and Services.

Stay Updated With Product Info

Get the latest videos, product information, case studies, and promotions first!

Quick Access to Various Tools

VIGI product selection tools, POE selection tools, and other handy tools are all at your fingertips!

Technical Support In Your Hand

Easily access technology support and FAQs anytime, anywhere.

Get Points and Surprise Rewards

Earn points and gifts by activate the device after registering and getting certified.

Note: The TP-Partner App is available in certain countries and regions only. Points and rewards rules may vary by country.

Redefine Ease, Driven Efficiency.

Easy Planning.
Easy Installation.
Easy Setup.
Easy Maintenance.

Easy Planning

Efforless Project Design with Our Planning Tools

Project Design Tool for Quick Proposal Creation

- Easy Project Design and Management
- Intuitive Virtual Map
- Complete Product Selection
- 2D/3D Installation Simulation
- Rich Filters
- Batch Configure Simulation Options

Equipment List

Floor Plan

Camera Coverage

Lightweight Calculator Tools for Product Selection

Video Size Calculation

Lens Calculation

Bandwidth Calculation

Solar Power System Calculation

VIGI Cloud VMS for Free△ —Dedicated for Distributed Scenarios

- Free△ & Unlimited Expansion
- Expand a New Site Requires Just 6 Minutes
- Batch & Remote Device Addition

△For essential version only.

Easy Installation

Improves On-site Delivery Efficiency, Reduces Installation Costs

Quick-to-Install Camera

Universal Metal Ball Bracket

Adjust angles manually (pan 0°-360°, tilt 0°-90°, rotate 0°-360°) for enhanced installation flexibility, with added reliability from metal materials.

Multiple Power and Network Supply Options

PoE

Wi-Fi

4G

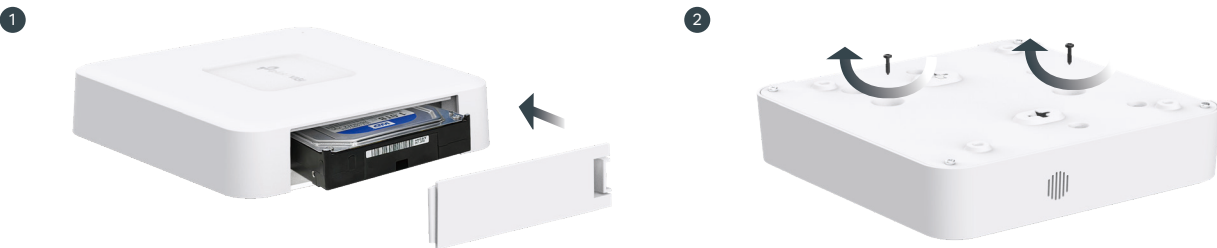### Compatible with Junction Box

Use with Bullet Cameras

Use with PT Cameras

Use with Turret Cameras

Use with Dome Cameras

Quick HDD Assembly and Disassembly

No need to hassle with removing the NVR cover; simply install and remove the HDD manually with the easy side access.*

Quick-to-Install Solar Power System

1. Flexibly Expand Solar Panels

2. Cameras and Network Devices in Various Combinations

3. Freely Add or Remove Batteries

*The supported models are VIGI NVR1108H-W and VIGI NVR1104H-4P.

Easy Setup

Streamlined Setup Process, No Technical Skills Required

One-Click System Initialize

VIGI NVRs enable quick camera additions, HDD initialization, and storage scheduling with a single click, reducing setup expenses.

One App for NVR Initialization

Skip opening the NVR GUI interface. Initialize the NVR directly through the App for easier operation and enhanced setup efficiency.
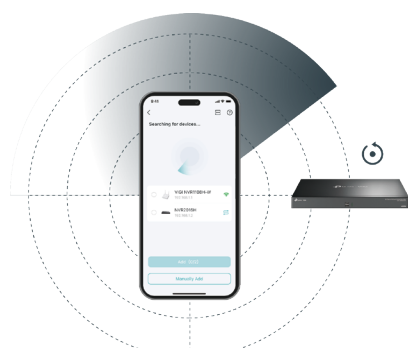

Add and Configure Devices in Seconds

- Automatically Detects and Adds Devices on the Same LAN
- Complete Batch Configuration with Rules

ONVIF® | STG

Quick Wi-Fi Connection —— Dedicated for Small Scenarios

- Supports PPPoE Dial-up
- Wireless Speed up to 300 Mbps*
- One App for All Tasks
- Offers Wireless Device Internet Access
- One-Click Wi-Fi IPC Addition Supported
- Supports Third-party IPCs Access

Internet

VIGI Wi-Fi NVR**

VIGI Wi-Fi Camera

Wireless Clients, Like Phones
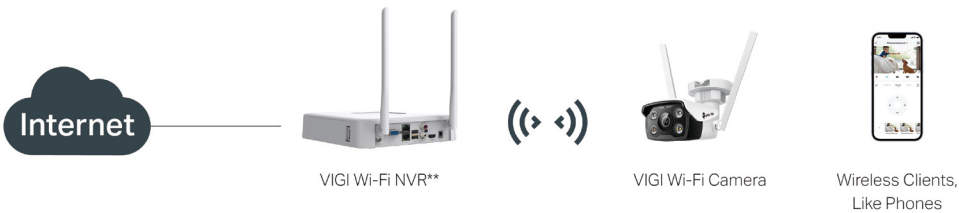
Easy Maintenance

Enjoy Free & Remote & Auto Maintenance

Remote Initialization

Resolve device issues remotely by initializing or configuring them, bypassing the need for on-site maintenance hassles and expenses.
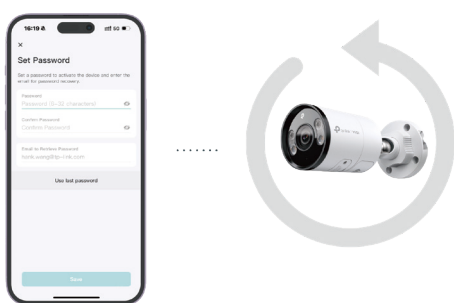
Real-time Device Health Alarm

Receive immediate alerts for device issues like disk anomalies, video loss, and offline devices,allowing for prompt responses.
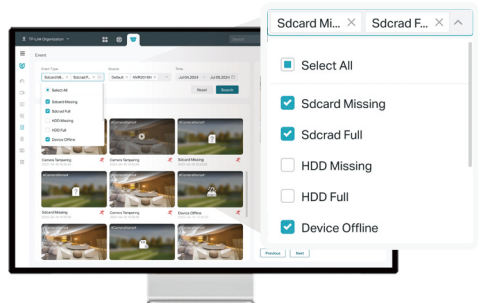
Troubleshoot Without On-site Visits

Remotely restart devices or restore system settings for quick device recovery.

Online & Auto Firmware Upgrades

Easily upgrade firmware with one-click online updates or schedule automatic updates without manual downloads.

VIGI Cloud VMS for Free△ Maintenance

VIGI Cloud VMS offers free, online maintenance services like remote rebooting and firmware upgrades, ensuring seamless operation for your business without the need for on-site presence.
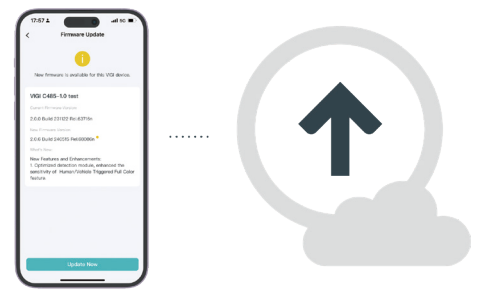

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*Actual wireless speed is not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors.
**The supported model is VIGI NVR1108H-W.

△For essential version only.

VIGI Solutions for SMBs

Small Shops

- Loss Prevention
- People of Interest Notifications
- Easy Installation and Setup, No Skills Needed
- VIGI App and NVR GUI-Based Lightweight Management

Chain Stores

- VIGI Cloud VMS-Based Solution
- Centralized & Remote Management
- Unlimited to Scale
- Multi-User Privilege Management
- Easy to Install and Deploy
- Zero-Touch Maintenance
- Intelligent Chain Store Patrol
- Cross-Store Customer Flow Analysis
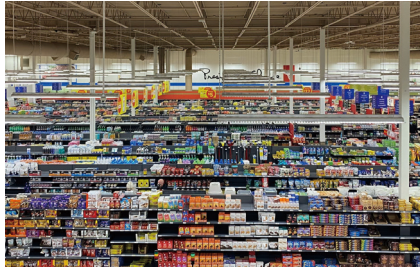
Supermarkets

- VIGI VMS-Based Solution
- Centralized Management
- Loss Prevention
- Customer Flow Analytics
- Density Heat Map
- Queue Management
- License Plate Recognition
- Easy to Deploy/Install/Setup/Maintain

Hotels

- VIGI VMS-Based Solution
- Centralized Management
- Prompt Emergency Response
- Queue Management
- License Plate Recognition
- VCA-Based Smart Search for Efficient Post-event Tracing
- Easy to Deploy/Install/Setup/Maintain

Kindergartens and K-12

- VIGI VMS-Based Solution
- Centralized Management
- Rapid Incident Response
- Face Blurring for Privacy Protection
- Perimeter protection
- VCA-Based Smart Search for Efficient Post-event Tracing
- Easy to Deploy/Install/Setup/Maintain

Solar Power

- Non-Stop Power and Network Supply
- Remote Management & Maintenance
- Customized Assembly
- Compact Design
- Quick Installation & Disassembly
- Quick Incident Handling
- All-Weather Stability
- Longer Standby Time

For more solutions, please scan the QR code for details

Solutions for Small Shops

Effortless Installation, Theft Prevention

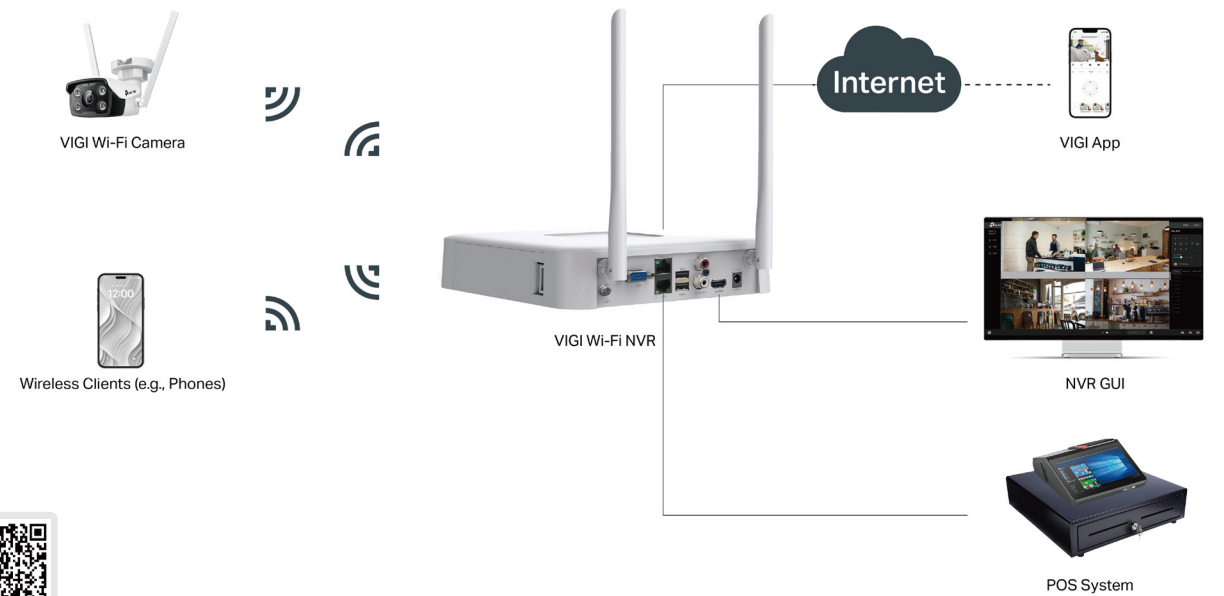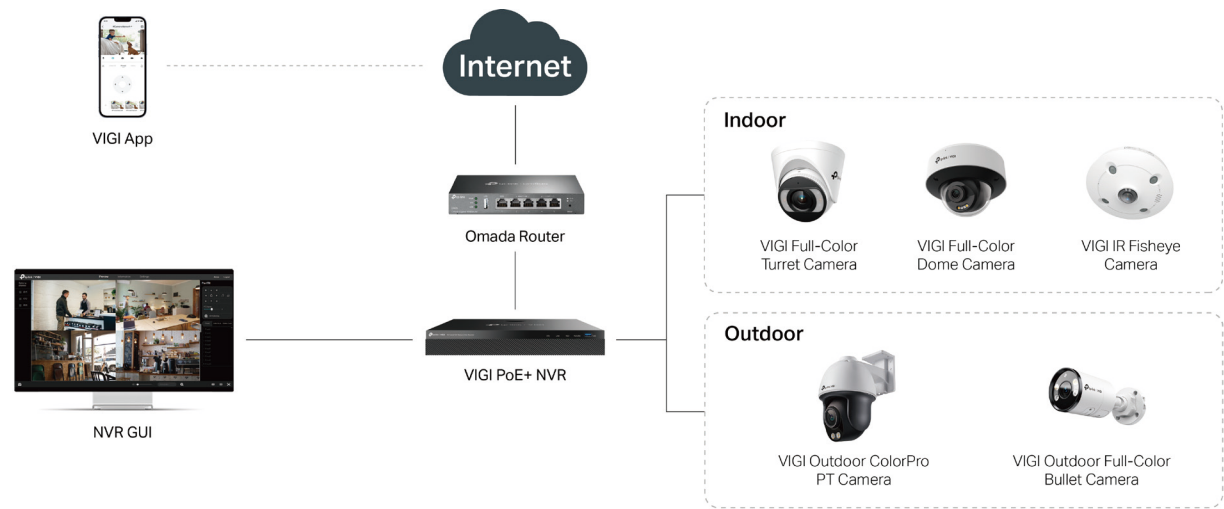Scale: Less Than 32 Devices

Challenges

- Frequent Thefts
- Staff with Low Technical Skills
- Limited Budgets

Full Products for Small Shops

Wired Solution

VIGI App

Internet

Omada Router

NVR GUI

VIGI PoE+ NVR

Indoor

VIGI Full-Color Turret Camera

VIGI Full-Color Dome Camera

VIGI IR Fisheye Camera

Outdoor

VIGI Outdoor ColorPro PT Camera

VIGI Outdoor Full-Color Bullet Camera

VIGI Wi-Fi Camera

Internet

VIGI App

Wireless Clients (e.g., Phones)

VIGI Wi-Fi NVR

NVR GUI

POS System

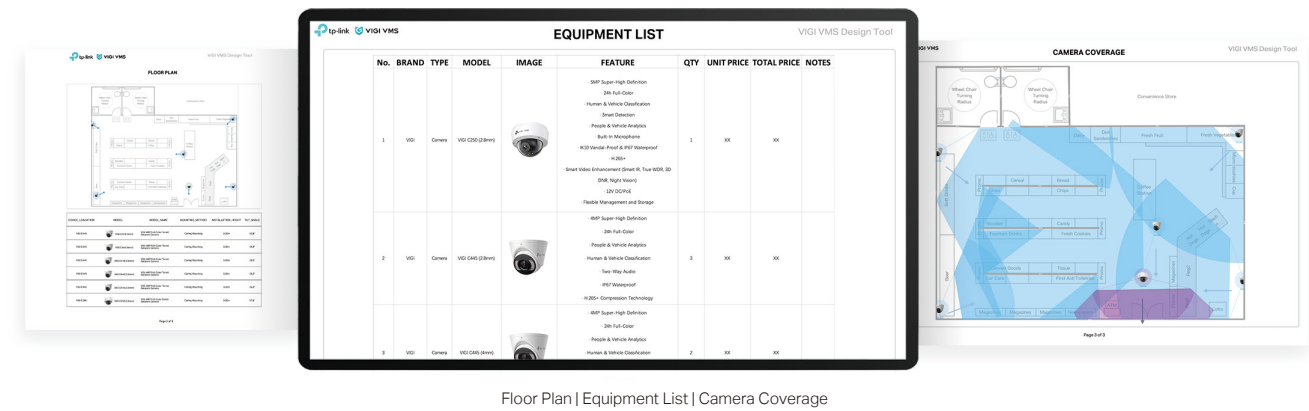For more solutions, please scan the QR code for details

Solution Highlights

## For Installers and Service Providers

Easy Planning

Project Design Tool for Quick Proposal Creation

Enables users to quickly select products, design security maps, and generate detailed proposals.

Floor Plan | Equipment List | Camera Coverage

Calculator Tools* for Product Selection

Effortlessly determine video capacity, bandwidth, and lens requirements. Select suitable HDDs and cameras quickly, and configure the optimal bandwidth for your surveillance system based on the calculated results.

Video Size Calculation   Lens Calculation   Bandwidth Calculation
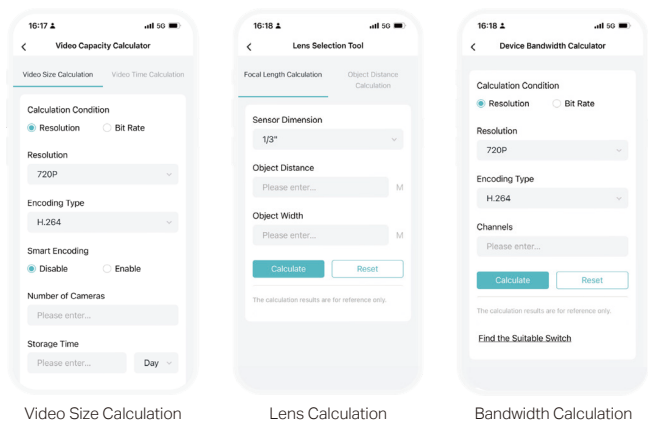
Easy Installation

VIGI's fast-install cameras save time and costs, delivering added value to installers.

Universal Metal Ball Bracket

Manually adjust angles (pan 0°-360°, tilt 0°-90°, rotate 0°-360°) for installation flexibility, with added reliability from metal materials.

PoE and Wi-Fi Connections

Small shops have limited space and need simple wiring. PoE uses one cable for both power and data, while Wi-Fi further simplifies wiring, reducing installation costs and enhancing store aesthetics.
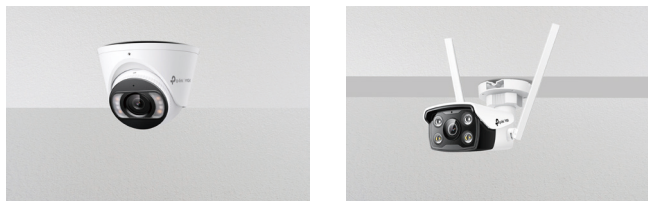
Easy Setup

With minimal setup, VIGI devices easily connect, speeding up project delivery and saving time on manual setup.

One-Click System Initialize△

VIGI NVRs enable quick camera additions, HDD initialization, and storage scheduling with a single click, reducing setup expenses.

One App for NVR Initialization

Skip opening the NVR GUI interface. Initialize the NVR directly through the App for easier operation and enhanced setup efficiency.
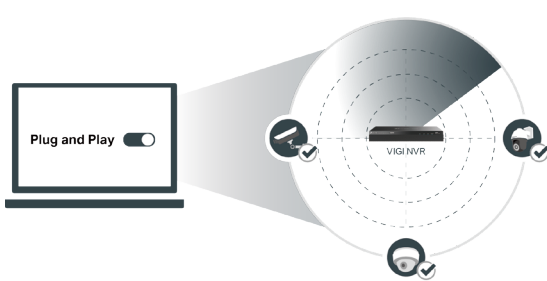

Auto Search and Add Devices

The VIGI app automatically detects devices under the same LAN, adding them in batches for hassle-free setup.

Auto Adoption

Allows the NVR to automatically detect and add the VIGI IPCs under the same LAN without any additional setup needed.

Wi-Fi NVR Simplifies Wireless Security System Setup in Small Shops

- Supports PPPoE Dial-up
- One App for All Tasks
- One-Click Wi-Fi IPC Addition Supported
- Wireless Speed up to 300 Mbps*
- Offers Wireless Device Internet Access
- Supports Third-party IPCs Access

VIGI Wi-Fi NVR**   VIGI Wi-Fi Camera   Wireless Clients, Like Phones

*Actual wireless speed is not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors.
**The supported model is VIGI NVR1108H-W.
△You can find this feature in the NVR GUI or Web Portal.

*The VIGI Design Tool is available in VIGI VMS and VIGI Cloud VMS; the VIGI Calculator is available in the VIGI App or VIGI website.

Loss Prevention

Non-Stop HD Videos

VIGI offers 24/7 clear imaging, enhanced by WDR and Smart IR to adapt to complex environments, ensuring no detail goes unnoticed.

Fisheye Imaging

Use one fisheye camera to monitor all corners, reducing the cost of buying four regular cameras.

Proactively Respond to Events

During off-hours, AI detection like Intrusion Detection and Line-Crossing Detection can be set up. When someone breaks in, the app will immediately send you alerts. Cameras can also deter intruders with sound and white light to minimize property loss.

VIP Notification

VIGI cameras automatically identify VIP customers and promptly notify you for reception, enabling better service. Perfect for clothing stores, jewelry shops, and more.
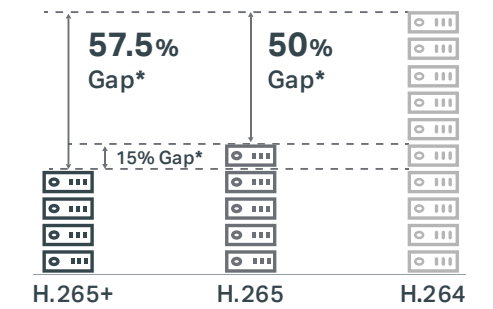

Longer Storage Time

Customized Recording Rules

Records only during specified times or when motion triggers, saving storage space without missing crucial events.
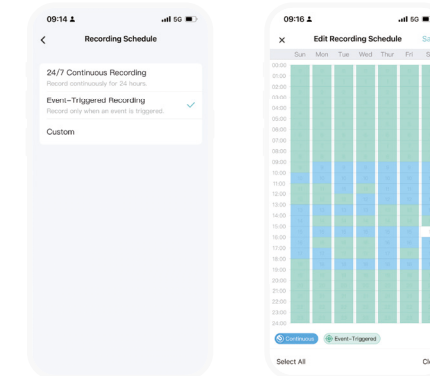
H.265+ Compression Technology

Reduces the required bandwidth and storage space for videos while maintaining excellent image quality.

57.5% Gap* **50%** Gap*

15% Gap*

H.265+   H.265   H.264

Simple Daily Monitoring, No Technical Skills Required

- The VIGI app enables remote monitoring, including live viewing (up to 16 streams), quick playback, alarm reception, and more.
- The VIGI NVR GUI offers local management, including real-time monitoring, configuration, hardware upgrades, playback, and more.

Other Value-Added Highlights

Trusted Quality

- Independent R&D
- Superior Suppliers
- Vertical Integration
- Complete Quality Control

Superb Pre- and After-Sales Services

- Certification and Training (TPSA)
- Replacement and Warranty
- Localization Support Teams
- Lightweight Designer Tools
- Dedicated Online Support
- Official Community

SolutionX | Partner Program

https://partner.tp-link.com/

Join TP-Link SolutionX Partner Program to get better support and more profit.

*Calculations based on laboratory testing using a 3MP VIGI camera. Actual performance may vary according to the amount of activity recorded, resolution and other variables.

Recommended Products

High-Performance Solution

H.265+ | Onvif® | STG | NDAA COMPLIANT ✓

Network Cameras

InSight S245
VIGI 4MP Full-Color
Dome Network Camera

- 4MP Resolution & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S345
VIGI 4MP Outdoor Full-Color
Bullet Network Camera

- 4MP Resolution & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- IP67 Weatherproof

InSight S445
VIGI 4MP Full-Color
Turret Network Camera

- 4MP Resolution & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S655I
VIGI 5MP IR Fisheye
Network Camera

- 360° Panoramic View
- Multiple Display Modes Supported
- 5MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio

Network Video Recorders

VIGI NVR2016H-16MP
VIGI 16 Channel PoE+
Network Video Recorder

- 16× PoE+ Ports & 140W PoE Budget
- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 2× 16TB HDDs*

Software Services

VIGI App

- Auto Search and Batch Device Adding
- Up to 16 Live Views
- Practical Playback
- Two-Way Audio
- Instant Notifications

Cost-effective Solution

Network Cameras

VIGI C240I
VIGI 4MP IR Dome
Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- IK10 Vandal Proof

VIGI C440I
VIGI 4MP IR Turret
Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- Corridor Mode
- Powered by PoE or DC

Network Video Recorders

VIGI NVR1008H-8MP
VIGI 8 Channel PoE+
Network Video Recorder

- 8× PoE+ Ports & 113W PoE Budget
- 80Mbps Incoming Bandwidth and 60Mbps Outgoing Bandwidth
- 4K HDMI Video Output
- 16MP Decoding Capability
- 1× 16TB HDD*

Software Services

VIGI App

- Auto Search and Batch Device Adding
- Up to 16 Live Views
- Practical Playback
- Two-Way Audio
- Instant Notifications

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD not included.
**All specifications are subject to change without notice.

Solutions for Chain Stores

Cloud VMS-based Solution, Unlimited to Scale

Scale: Each Store Has Fewer Than 32 Devices; Unlimited Total Stores

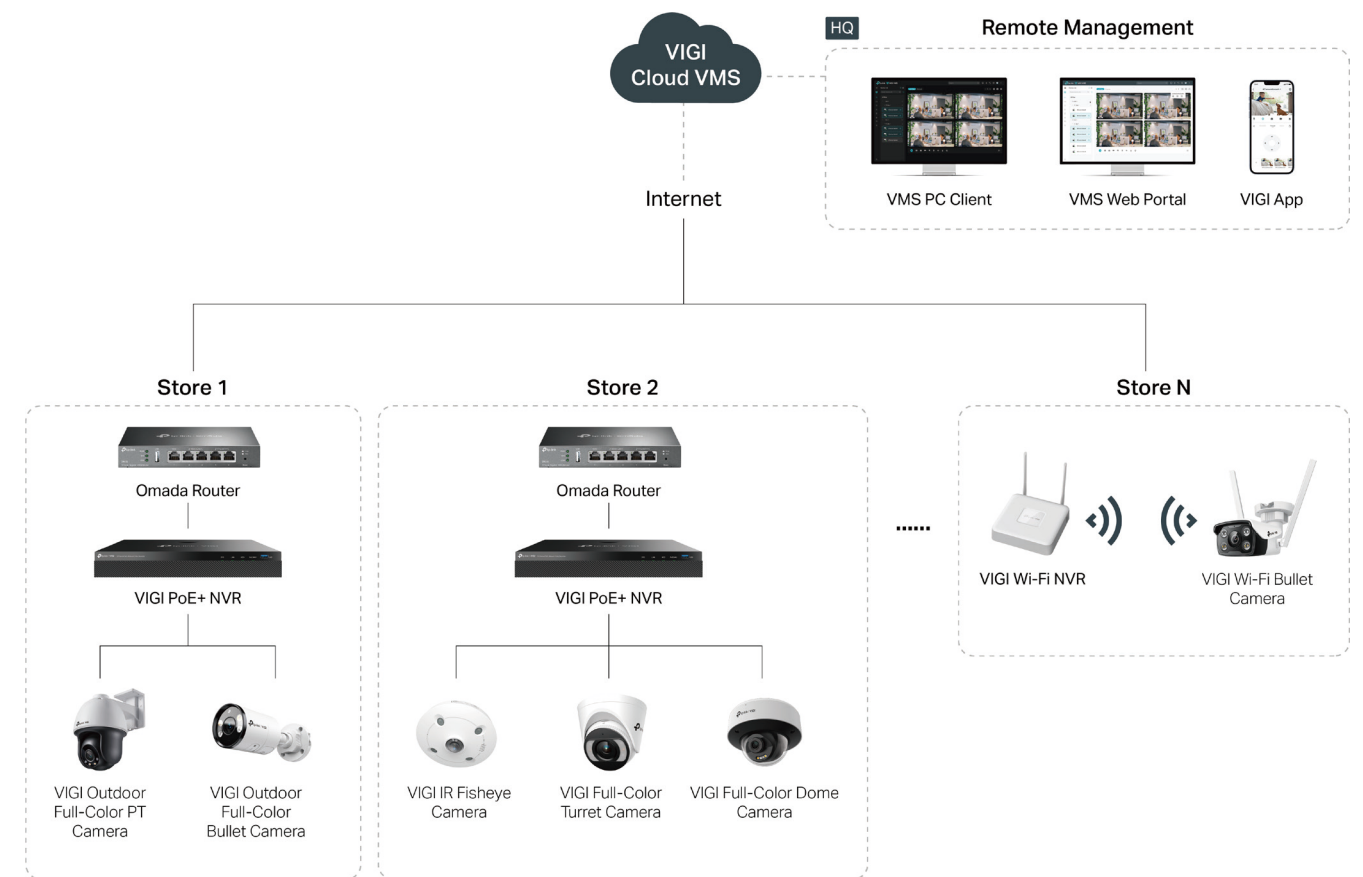## Challenges

🌐 Multiple Sites Across Regions　　🔀 Complicated Staff Organization　　🗄 Expensive Local Deployment

Full Products for Chain Stores

VIGI Cloud VMS

HQ — Remote Management

- VMS PC Client
- VMS Web Portal
- VIGI App

Internet

Store 1
Omada Router
VIGI PoE+ NVR
- VIGI Outdoor Full-Color PT Camera
- VIGI Outdoor Full-Color Bullet Camera

Store 2
Omada Router
VIGI PoE+ NVR
- VIGI IR Fisheye Camera
- VIGI Full-Color Turret Camera
- VIGI Full-Color Dome Camera

Store N
- VIGI Wi-Fi NVR
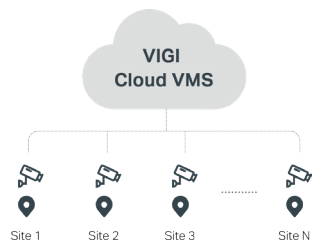- VIGI Wi-Fi Bullet Camera

For more solutions, please scan the QR code for details

Solution Highlights

Unlimited Store Expansion

The cloud-based solution allows for unlimited and cost-free* expansion of your stores and devices, thereby reducing store opening expenses.


Multi-User Privilege Management

Assign varying permissions to members for each store, such as Admin, Viewer and Live Only. This ensures members access only necessary resources.
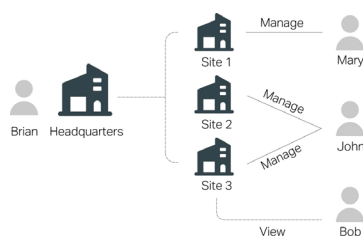

Manage Multiple Stores from Anywhere

Manage your devices, view live monitoring and playback, and receive real-time alerts using the VIGI app, Web Portal, or VIGI PC Client—all without the need of a VPN.
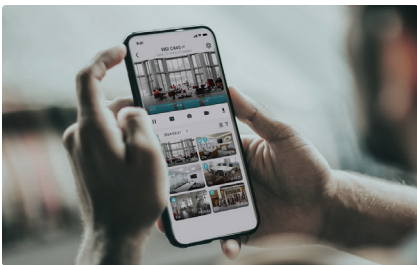
Simple Deployment and Maintenance

Project Design Tool for Quick Project Proposal Creation

- Easy Project Design and Management
- Complete Product Selection
- Rich Filters
- Intuitive Virtual Map
- 2D/3D Installation Simulation
- Batch Configure Simulation Options
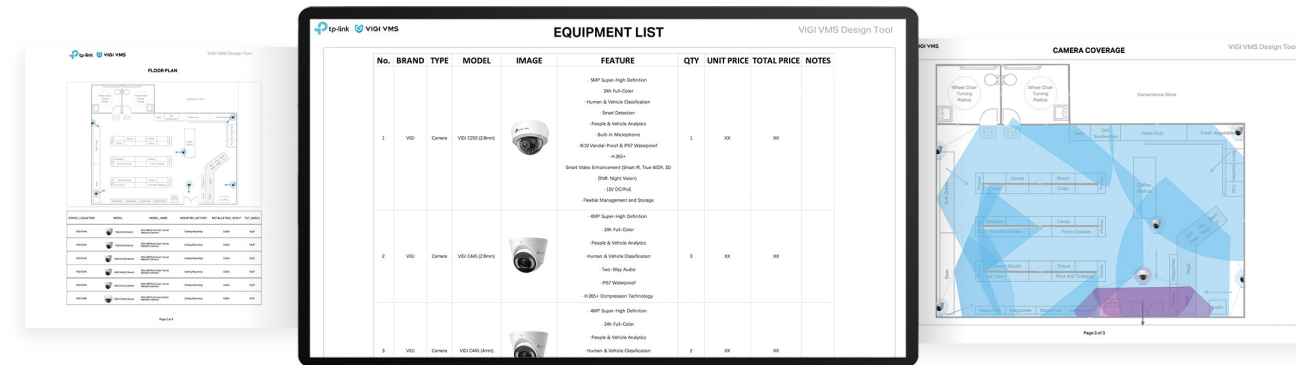
Opening A New Store Requires Just 6 Minutes
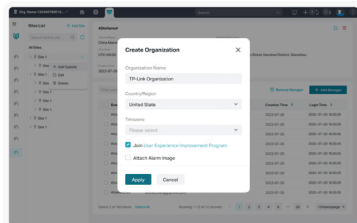
3 Minutes to Create a New System

2 Minutes to Add Devices
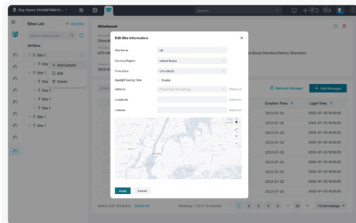
1 Minute to Expand a Store

An App Handles Daily Management

*For Essential Version only.

Auto Search and Add Devices

The VIGI app automatically detects devices under the same LAN and adds them in batches for hassle-free setup. This speeds up installation efficiency and reduces labor costs.

Zero-touch Maintenance

No more on-site technicians and maintenance fees required, saving labor costs and ensuring a timely response to system failures.

- Remote Configuration and Initialization
- Online & Auto Firmware Upgrades
- Troubleshoot Without On-site Visits
- Real-time Device Heath Alarm

AWS-Based Security

VIGI Cloud VMS, hosted on AWS servers and maintained by the TP-Link team around the clock, ensures high availability and robust security.

Practical Video Monitoring Features

Rich user-friendly video monitoring features, such as a visual dashboard, up to 64-channel* live views, event and time-based playback, real-time map monitoring, and unified event management, providing full site understanding without onsite visits.

Dashboard · Event Center · Map Monitoring
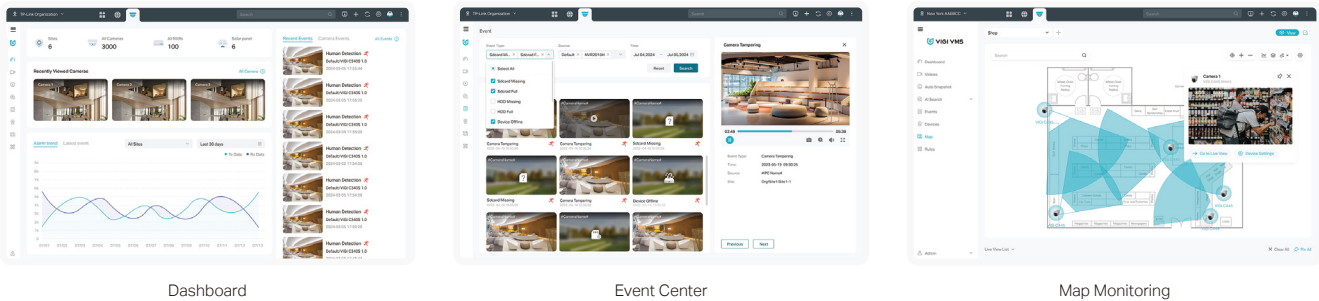
Advanced Cross-Store Management Features

Beyond basic video monitoring, VIGI Cloud VMS also provides advanced cross-store management features to improve insights into customer behavior and cross-store management efficiency. These enhancements are supported by standard version and require a license.

Intelligent Chain Store Patrol

Compared with manual store inspections, real-time or scheduled ones save on labor costs and enhance chain store management by quickly uncovering hazards and assessing store operations.
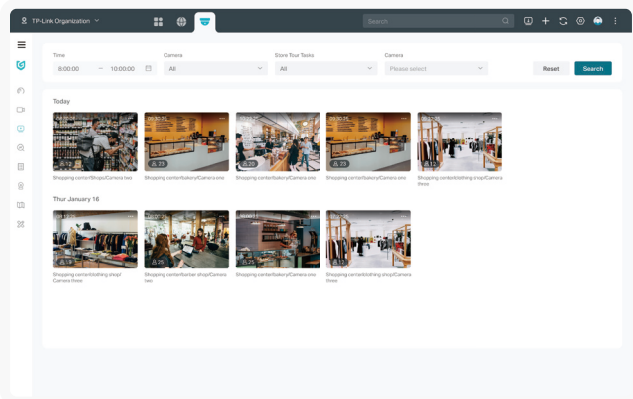
Cross-Store Customer Flow Analysis

Analyzing customer flow at each store enhances staff allocation for better service and allows monitoring of marketing campaign effectiveness.
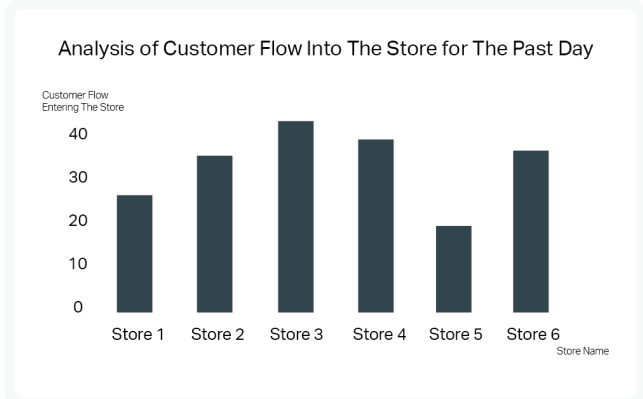
*Supported only on VIGI VMS PC Client. The actual number of live views is also limited by the performance of the device and computer.

Other Value-Added Highlights

Trusted Quality

- Independent R&D
- Superior Suppliers
- Vertical Integration
- Complete Quality Control

Superb Pre- and After-Sales Services

- Certification and Training (TPSA)
- Lightweight Designer Tools
- Replacement and Warranty
- Dedicated Online Support
- Localization Support Teams
- Official Community

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Recommended Products
High-Performance Solution

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Network Cameras

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VIGI 4MP Full-Color
Dome Network Camera

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- Smart Detection
- Active Defense
- Two-Way Audio

InSight S345
VIGI 4MP Outdoor Full-Color
Bullet Network Camera

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- People & Vehicle Analytics
- Smart Detection
- Active Defense
- IP67 Weatherproof

InSight S445
VIGI 4MP Full-Color
Turret Network Camera

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- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S655I
VIGI 5MP IR Fisheye
Network Camera

- 360° Panoramic View
- Multiple Display Modes Supported
- 5MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio

Network Video Recorders

VIGI NVR2008H-8MP
VIGI 8 Channel PoE+
Network Video Recorder

- 8× PoE+ Ports & 90W PoE Budget
- 4K HDMI Video Output
- 320Mbps Incoming and Outgoing Bandwidth
- 32MP Decoding Capability
- 2× 16TB HDDs*

Software Services

VIGI Cloud VMS
VIGI Cloud Video
Management System

- Cloud-Based, Free** and Unlimited
- Unified Management Across Sites
- Easy to Deploy and Maintain

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD not included.
**For essential version only.
†All specifications are subject to change without notice.

19

Recommended Products
Cost-Effective Solution

H.265+ | Onvif® | STG | NDAA COMPLIANT

Network Cameras

VIGI C240I
VIGI 4MP IR Dome
Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- IK10 Vandal Proof

VIGI C340I
VIGI 4MP Outdoor IR
Bullet Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- Powered by PoE or DC

VIGI C440I
VIGI 4MP IR Turret
Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- Corridor Mode
- Powered by PoE or DC

VIGI C540-W
VIGI 4MP Outdoor Full-
Color Wi-Fi Pan Tilt Network
Camera

- 4MP Resolution & Full-Color
- Wireless Outdoor Connectivity
- 360° Monitoring
- Smart Detection & Auto Tracking
- IP66 Weatherproof

Network Video Recorders

VIGI NVR1008H-8MP
VIGI 8 Channel PoE+
Network Video Recorder

- 8× PoE+ Ports & 113W PoE Budget
- 80Mbps Incoming Bandwidth and 60Mbps Outgoing Bandwidth
- 4K HDMI Video Output
- 16MP Decoding Capability
- 1× 16TB HDD*

VIGI NVR1108H-W
VIGI 8 Channel Wi-Fi
Network Video Recorder

- One-Click Wi-Fi IPC Addition Supported
- Supports PPPoE Dial-up
- 16MP Decoding Capability
- 1× 10TB HDD*
- 80Mbps Incoming Bandwidth and 60Mbps Outgoing Bandwidth

Software Services

VIGI Cloud VMS
VIGI Cloud Video
Management System

- Cloud-Based, Free** and Unlimited
- Unified Management Across Sites
- Easy to Deploy and Maintain

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD not included.
**For essential version only.
†All specifications are subject to change without notice.

20
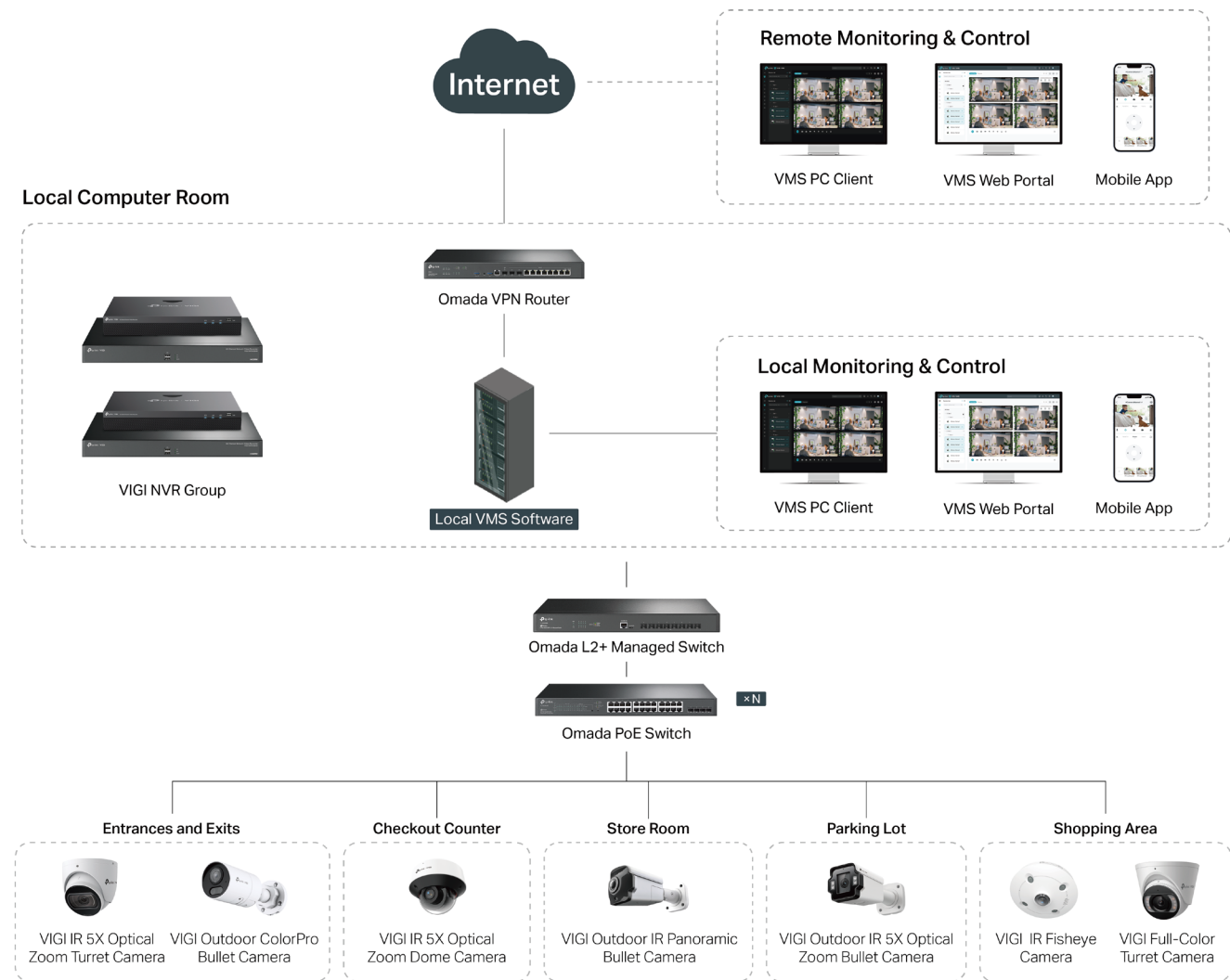
Solutions for Supermarkets

Increase Profits, Protect Property

Scale: Small and Medium-Sized with 32 to 200 Devices

Challenges

- High Theft Rates
- Low Operational Efficiency
- Poor Sales and Profits

Full Products for Supermarkets

Internet

Remote Monitoring & Control

VMS PC Client | VMS Web Portal | Mobile App

Local Computer Room

Omada VPN Router

Local Monitoring & Control

VMS PC Client | VMS Web Portal | Mobile App

VIGI NVR Group

Local VMS Software

Omada L2+ Managed Switch

×N

Omada PoE Switch

Entrances and Exits	Checkout Counter	Store Room	Parking Lot	Shopping Area
VIGI IR 5X Optical Zoom Turret Camera / VIGI Outdoor ColorPro Bullet Camera	VIGI IR 5X Optical Zoom Dome Camera	VIGI Outdoor IR Panoramic Bullet Camera	VIGI Outdoor IR 5X Optical Zoom Bullet Camera	VIGI IR Fisheye Camera / VIGI Full-Color Turret Camera

For more solutions, please scan the QR code for details

Solution Highlights

Entrances and Exits

Scenario Requirements

- Monitor for impending risks, such as identified shoplifters
- Customer-visit data for optimizing operation efforts

What We Offer

Customer Flow Analytics

Monitor store data cycle changes to assess marketing effectiveness, and allocate staff for enhanced service levels.
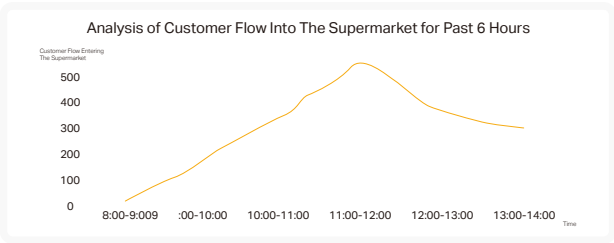
Denylist Alarm

Intelligently identify individuals like habitual thieves and alert security for timely intervention.
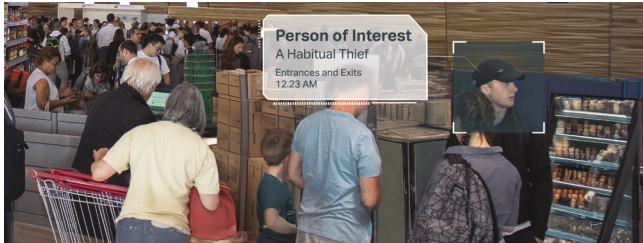
Checkout Counter

Scenario Requirements

- Reduce cashier disputes
- Promptly allocate cashiers during peak hours to enhance customer satisfaction
- The monitoring screen is more focused on the checkout counter

What We Offer

Record Audio And Video Continuously

The VIGI camera has a built-in mic for 24h sound recording up to 16ft. Coupled with HD video, it serves as evidence for disputes.

Queue Management

Automatically detects queue lengths and alerts you to allocate additional staff as needed, enhancing customer satisfaction.
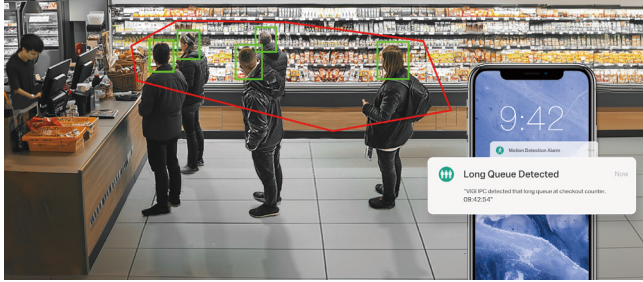
Motorized Varifocal

By adjusting the field of view, you can concentrate more on checkout counters, minimizing invalid detection zones.

Store Room

Scenario Requirements

• Property loss prevention
• Security team needs to react to incidents timely
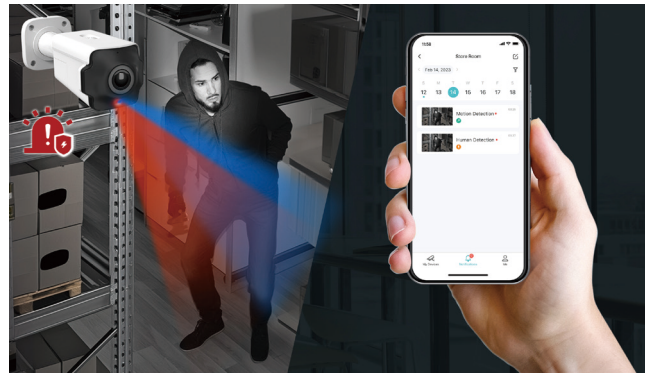
What We Offer

IR Night Vision

The VIGI IR camera offers night vision up to 50 m* (164 ft) with Smart IR and 3D DNR enhancing image quality at night, ensuring clear details in store rooms.

Efficient Incident Response

Enable Area Intrusion and Abnormal Sound Detection after hours. VIGI cameras will promptly alert you to any anomalies while deterring intruders with red and blue flashing lights and sirens.

Parking Lot

Scenario Requirements

• Trace target vehicles in time

What We Offer

License Plate Recognition**

Recognizes license plate numbers and colors, allowing for quick searches of related videos for a target vehicle. This significantly enhances post-event search efficiency and enables prompt response to incidents.

Color: Gray
Number: SAH996

Search

The collection of captured license plates

Results

The activities of this target vehicle

*Supported models: VIGI C320I, VIGI C330I, and VIGI C340I.
**License plate recognition is supported only in certain countries; please refer to the specific details for each region.
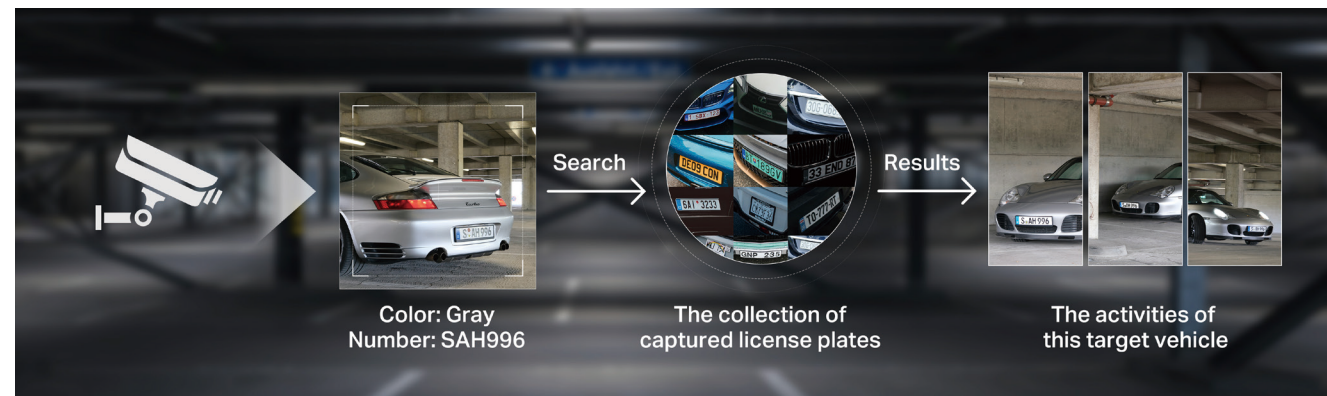
Shopping Area

Scenario Requirements

• Ensure the safety of customers, employees, and property

What We Offer

No More Blind Spots

Utilize fisheye camera to cover every corner of your supermarket without missing any details.

Corridor Mode

Helps you monitor long and narrow shelf areas more efficiently for theft prevention.

Normal View

Corridor Mode
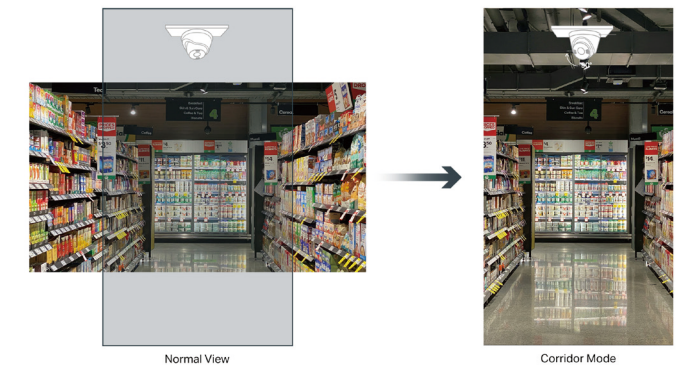
Density Heat Map

Easily identify both "hot spots" and "dead zones" to optimize merchandise displays and increase profits.

Regional People Counting

Tailor hot zones to analyze customer stay duration and other data, assessing marketing effectiveness.

Today | Stay for More Than 5S

Hot Zone 1
40 | 35 | 87.5% | 20.0 s
Number of Visitors | Number of Stays | Stay Rate | Average Dwell Time
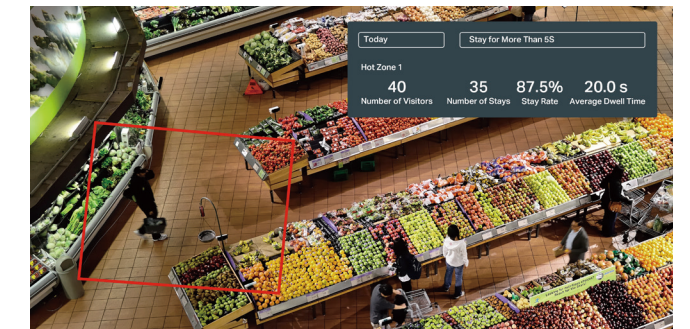
LightPro Night Vision

During non-business hours, VIGI camera intelligently switches between IR and Full-Color night vision by detecting people or vehicles.

Infrared Light On
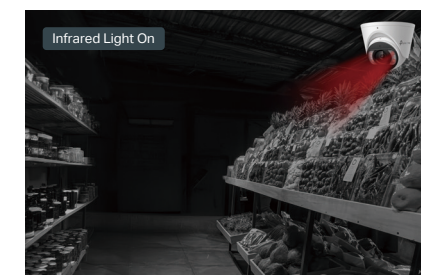
When no person is detected, the cameras uses IR night vision to reduce power consumption and improve concealment.

White Light On
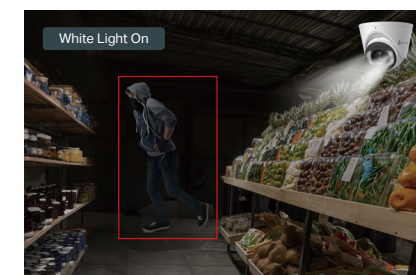
When a person is detected, Full-Color night vision is automatically switched for clear details and to deter intruders.

Infrared Light On

When a person leaves, the camera switches back to the IR night vision.

Scenario Requirements

- Respond promptly to on-site events
- Searching for individuals afterward is labor-intensive
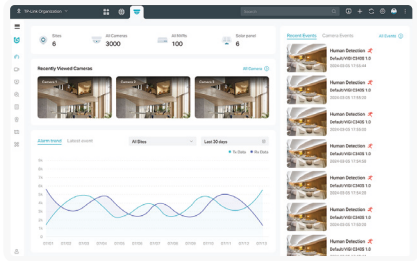- Intuitive software reduces training costs

What We Offer

Prompt Reaction to Events

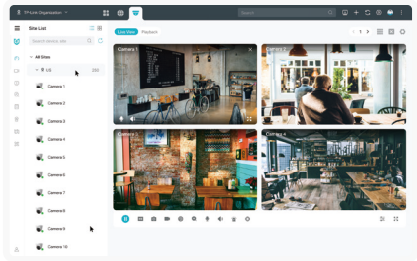VIGI VMS allows for efficient monitoring and prompt alarm notifications to help you manage events in a timely manner.

Dashboard
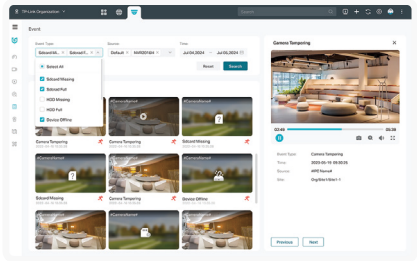Keep an eye on global alarms and device statuses for quick response to abnormalities and alerts.

Live View
Switch between live views, with the capability to simultaneously view up to 64* surveillance images, ensuring no detail is missed.

Event Management
Centrally view alarm events, access event details, and filter events by device, time, and event type for efficient tracking.

VCA-Based Smart Search

By Human Attribute
Filter people of interest by various attributes, such as hair length and clothing color for improved searching efficiency.

By Face
By searching for a existing face from the face library or by uploading a face image, you can find all related videos person across cameras.

The face you are interested in → Search → The collection of captured faces → Results → The activities of this target person

Evidence Collection

Promptly save monitoring footage and centrally archive and manage crucial evidence. Customize evidence type, tags, and remarks for easier backtracking.

*Supported only on VIGI VMS PC Client. The actual number of live views is also limited by the performance of the device and computer.

Project Design Tool* for Quick Proposal Creation

Enables users to quickly select products, design security maps, and generate detailed proposals.

Floor Plan | Equipment List | Camera Coverage

Easy-to-Install Cameras

- Various installation and power supply choices such as Wi-Fi and PoE, tailored to different scenario requirements.
- User-friendly design features like a universal metal ball bracket, along with support for ceiling, wall, and pole mounting methods, to improve installation efficiency.

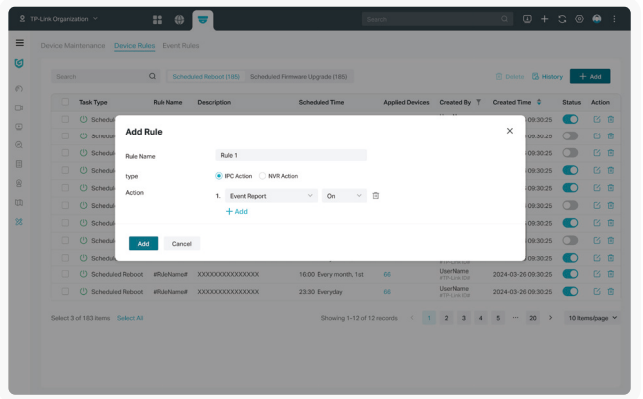| Universal Metal Ball Bracket | PoE | Wi-Fi |

Easy Setup

Add Devices in Batches
VIGI VMS automatically identifies devices on the same LAN and adds them in batches, accelerating project delivery.

Remote & Batch Device Configuration
Set configuration rules remotely and apply them to devices in batches for quick configuration, saving time.

Trusted Quality

- ☀ Independent R&D
- 🏭 Superior Suppliers
- ♺ Vertical Integration
- 🛡 Complete Quality Control

Superb Pre- and After-Sales Services

- TPSA Certification and Training (TPSA)
- ✓ Replacement and Warranty
- • Localization Support Teams
- 📞 Dedicated Online Support
- 🤝 Official Community

*The VIGI Design Tool is available in VIGI VMS and VIGI Cloud VMS.

Recommended Products

High-Performance Solution

Network Cameras

InSight S345S
VIGI 4MP Outdoor ColorPro Bullet Network Camera

- AI-ISP Powered Ultra Low-Light Imaging
- Face Recognition
- People & Vehicle Analytics
- Smart Detection
- IP67 Weatherproof

InSight S345ZI
VIGI 4MP Outdoor IR Motorized Varifocal Bullet Network Camera

- 5X Optical Zoom
- 4MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio
- 1/1 Alarm IN/OUT
- IP67 Weatherproof

InSight S385PI
VIGI 8MP Outdoor IR Panoramic Bullet Camera

- 180° Panoramic
- 4K UHD with IR Night Vision
- People Counting
- Active Deterrence with Red-Blue Alarm Lights
- IP67 Weatherproof

InSight S445
VIGI 4MP Full-Color Turret Network Camera

- 4MP Resolution & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S665I
VIGI 5MP IR Fisheye Network Camera

- 360° Panoramic View
- Multiple Display Modes Supported
- 5MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio

Network Video Recorders

VIGI NVR2016H-16MP
VIGI 16 Channel PoE+ Network Video Recorder

- 16× PoE+ Ports & 140W PoE Budget
- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 2× 16TB HDDs*

VIGI NVR8064H
VIGI 64 Channel Network Video Recorder

- 4K HDMI Video Output
- 400Mbps Incoming and Outgoing Bandwidth
- 64MP Decoding Capability
- 8× 16TB HDDs*

Software Services

VIGI VMS
VIGI Video Management System

- Local Deployment
- 24/7 System Security
- Faster Response
- Remote Management with TP-Link ID
- Unlimited and License Free

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD is not included.
**All specifications are subject to change without notice.

Recommended Products

Cost-Effective Solution

Network Cameras

VIGI C240I
VIGI 4MP IR Dome Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- IK10 Vandal Proof

VIGI C340I
VIGI 4MP IR Bullet Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- Powered by PoE or DC

VIGI C440I
VIGI 4MP IR Turret Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- Corridor Mode
- Powered by PoE or DC

VIGI C540
VIGI 4MP Outdoor Full-Color PT Network Camera

- 4MP Resolution & Full-Color
- 360° Monitoring
- Smart Detection & Auto Tracking
- Active Defense
- IP66 Weatherproof

VIGI C540V
VIGI 4MP Outdoor Full-Color Dual-Lens Varifocal PT Network Camera

- 3X Mixed Zoom
- Instant & Smooth Zoom
- 4MP Resolution & Full-Color
- 360° Monitoring
- Smart Detection & Auto Tracking
- IP66 Weatherproof

InSight S665I
VIGI 5MP IR Fisheye Network Camera

- 360° Panoramic View
- Multiple Display Modes Supported
- 5MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio

Network Video Recorders

VIGI NVR2016H-16MP
VIGI 16 Channel PoE+ Network Video Recorder

- 16× PoE+ Ports & 140W PoE Budget
- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 2× 16TB HDDs*

VIGI NVR4064H
VIGI 64 Channel Network Video Recorder

- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 4× 16TB HDDs*

Software Services

VIGI VMS
VIGI Video Management System

- Local Deployment
- 24/7 System Security
- Faster Response
- Optional Cloud Access
- Unlimited and Free

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD not included.
**All specifications are subject to change without notice.

Solutions for Hotels

Centralized Management, Protect Customer Safety

Scale: Small and Medium-Sized with 32 to 200 Devices

Challenges

- ⚠ Delayed Accident Response
- 👥 Complex Customer Composition
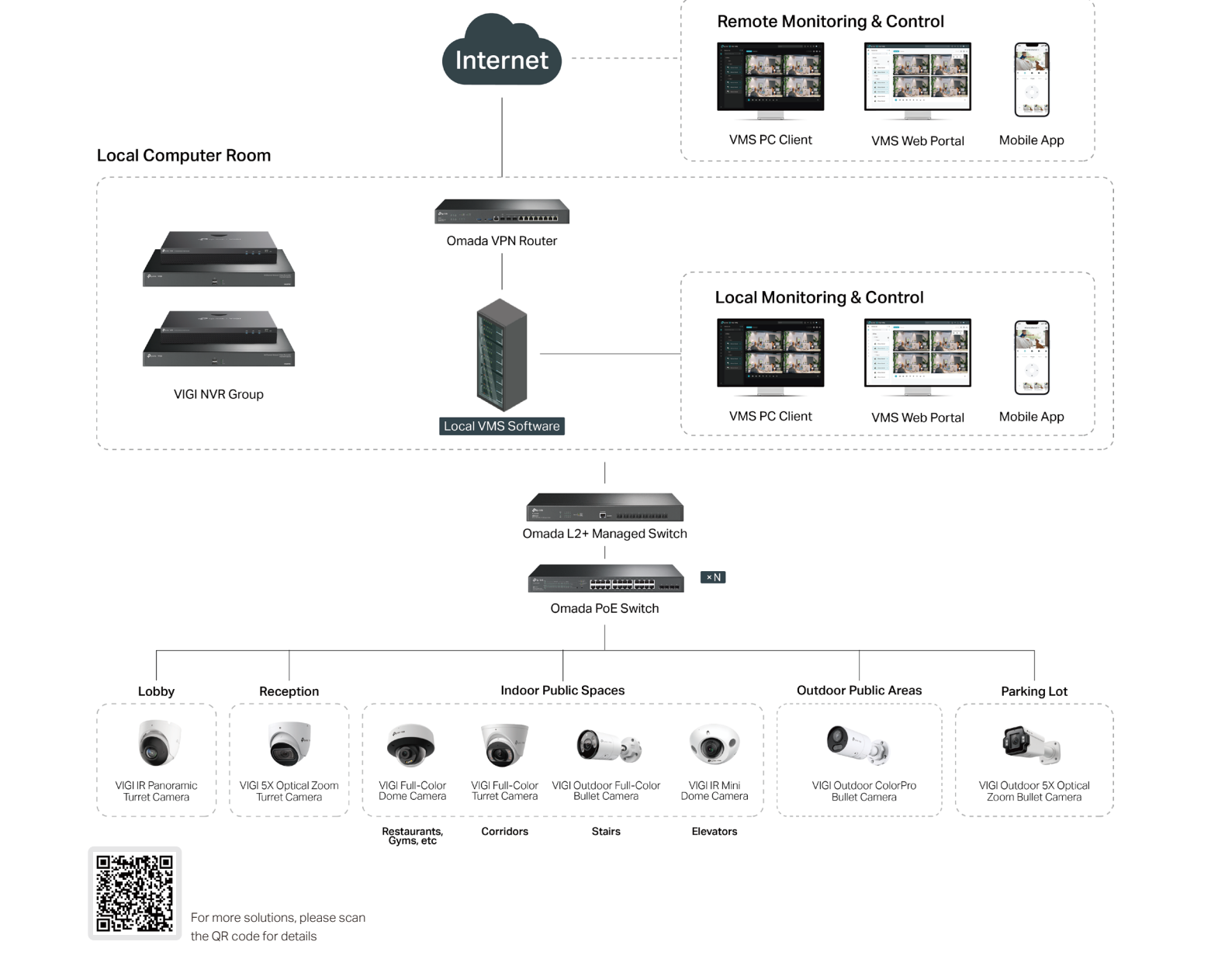- 🔀 Complex Installation Environment

Full Products for Hotels

Internet

Remote Monitoring & Control

- VMS PC Client
- VMS Web Portal
- Mobile App

Local Computer Room

VIGI NVR Group

Omada VPN Router

Local VMS Software

Local Monitoring & Control

- VMS PC Client
- VMS Web Portal
- Mobile App

Omada L2+ Managed Switch

× N

Omada PoE Switch

Lobby	Reception	Indoor Public Spaces				Outdoor Public Areas	Parking Lot
VIGI IR Panoramic Turret Camera	VIGI 5X Optical Zoom Turret Camera	VIGI Full-Color Dome Camera	VIGI Full-Color Turret Camera	VIGI Outdoor Full-Color Bullet Camera	VIGI IR Mini Dome Camera	VIGI Outdoor ColorPro Bullet Camera	VIGI Outdoor 5X Optical Zoom Bullet Camera
		Restaurants, Gyms, etc	Corridors	Stairs	Elevators		

For more solutions, please scan the QR code for details

Solution Highlights

Lobby

Scenario Requirements

- Wide-area monitoring coverage
- Quickly discover lost items
- HD Videos even in complex environments

What We Offer

180° Panoramic

Provides a 180° wide view for lobbies with clear details and minimal distortion, to ensure no detail goes unnoticed.

Abandoned Object Detection

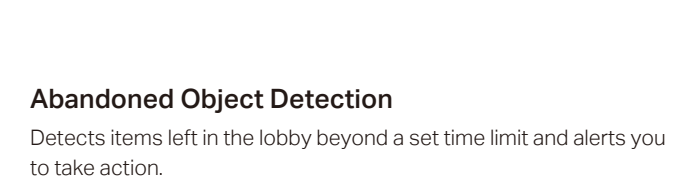Detects items left in the lobby beyond a set time limit and alerts you to take action.

Reception

Scenario Requirements

- Reduce disputes and conflicts
- Promptly dispatch staff during peak hours, enhancing customer satisfaction
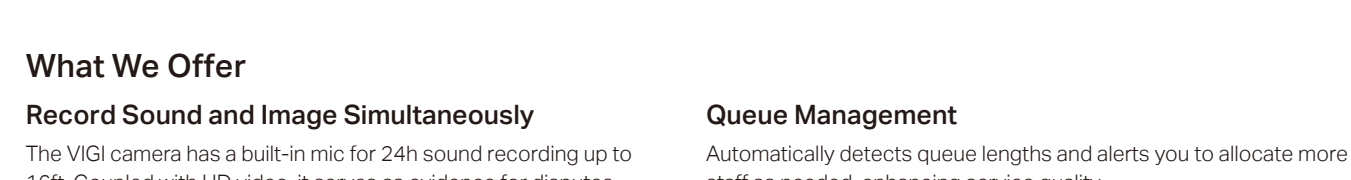
What We Offer

Record Sound and Image Simultaneously

The VIGI camera has a built-in mic for 24h sound recording up to 16ft. Coupled with HD video, it serves as evidence for disputes.

Microphone

Queue Management

Automatically detects queue lengths and alerts you to allocate more staff as needed, enhancing service quality.

9:42

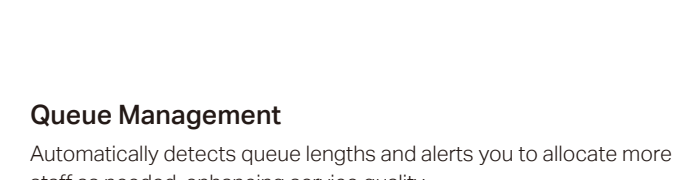Long Queue Detected

Scenario Requirements

- Accommodate diverse indoor spaces and security requirements
- Prompt emergency response

What We Offer

Various Form Factors

VIGI offers cameras in different shapes with various power supply and network options like PoE, meeting indoor monitoring needs and simplifying installation.

Restaurants

Stairs

Corridors
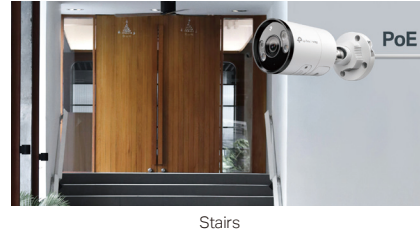
Sharp Videos Around the Clock

VIGI captures full-color images 24/7, ensuring no details are missed. With technologies like 120dB WDR, it provides clear images even in strong light contrast, such as by a window.

Without 120dB WDR

With 120dB WDR

Specially Designed for Elevators

Compact Product Design
VIGI dome cameras are compact and vandal-proof, ideal for installation in confined spaces like elevators.

24/7 Image & Voice Recording
VIGI cameras record clear images and voices day and night for seamless emergency response.
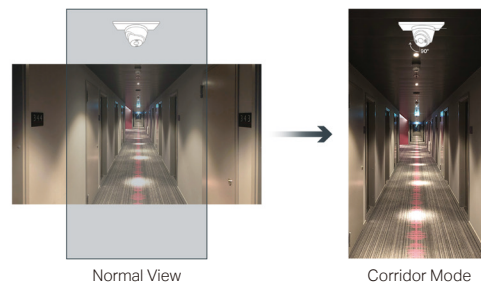
Simple Installation
Simply push the camera upwards and rotate it clockwise to snap it into the mounting bracket, then complete the installation.
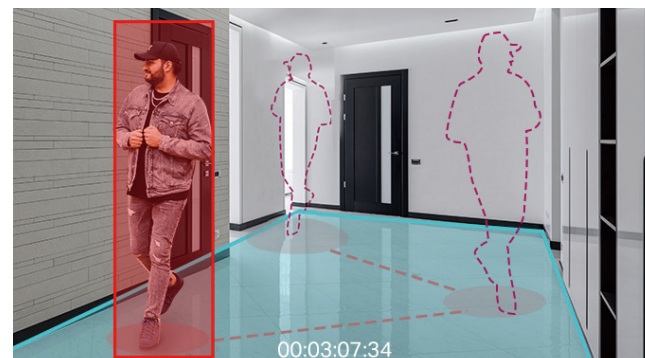

Specially Designed for Corridors

Corridor Mode
Optimizes camera coverage in narrow spaces like hotel corridors, ensuring no blind spots by precisely focusing on the intended areas.

Loitering Detection
Detect suspicious individuals loitering in the corridor for a set time and receive advanced warnings.

Normal View

Corridor Mode

00:03:07:34

Scenario Requirements

- Monitor key areas of interest
- Prompt response to emergencies
- Ultra low-light monitoring
- Cut installation costs
- Reduce false alarm
- Streamline wiring

What We Offer

Motorized Varifocal

By adjusting the FOV, you can focus the monitoring view more on the area of interest and reduce non-critical areas.

25X

PTZ

The VIGI PTZ camera ensures 360° monitoring with its pan, tilt, zoom capabilities, while automatically zooming in and tracking alarm-triggered objects.


Human & Vehicle Classification

Differentiates humans and vehicles from other moving objects like birds and leaves to provide precise event notifications and reduce time spent reviewing unnecessary alerts.

VIGI AI ISP-Powered ColorPro 2.0 Imaging

VIGI AI ISP-Powered ColorPro 2.0 technology captures colorful and clear images even in ultra low-light conditions without fill lights, enhancing situational awareness.

Naked Eyes
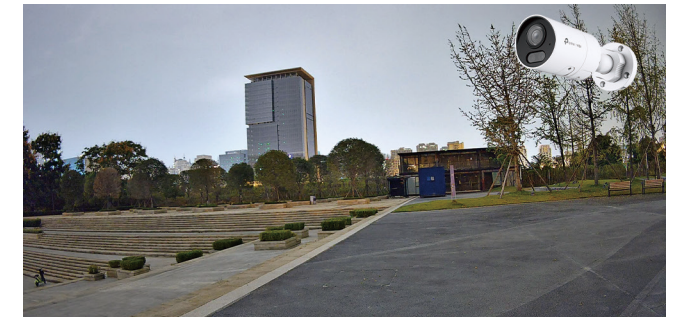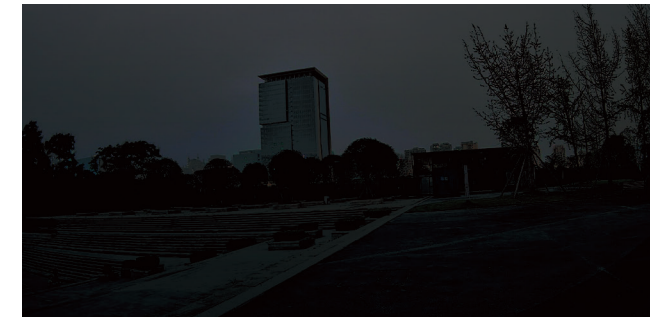
VIGI AI ISP-Powered ColorPro 2.0 Night Vision

LightPro Night Vision

VIGI camera intelligently switches between IR and Full-Color night vision by detecting people or vehicles.

- 📷 More Details
- ☀️ Less Light Pollution
- 🏃 More Deterrence
- 🚫 More Concealment

Infrared Light On

White Light On

Infrared Light On

When there is no vehicle or person, the camera will use IR night vision to reduce power consumption and enhance concealment.

When the camera detects a person or vehicle, Full-Color night vision is automatically switched, providing clear, full-color videos and acting as a deterrent.

When the people or vehicle leaves, the camera will switch back to IR night vision for black-and-white images.

Immediate Response to Events

Enable Line-Crossing Detection to receive instant alarms when someone attempts to cross the prohibited areas. Simultaneously, the connected alarm device will automatically activate to deter the intruder, protecting your property.
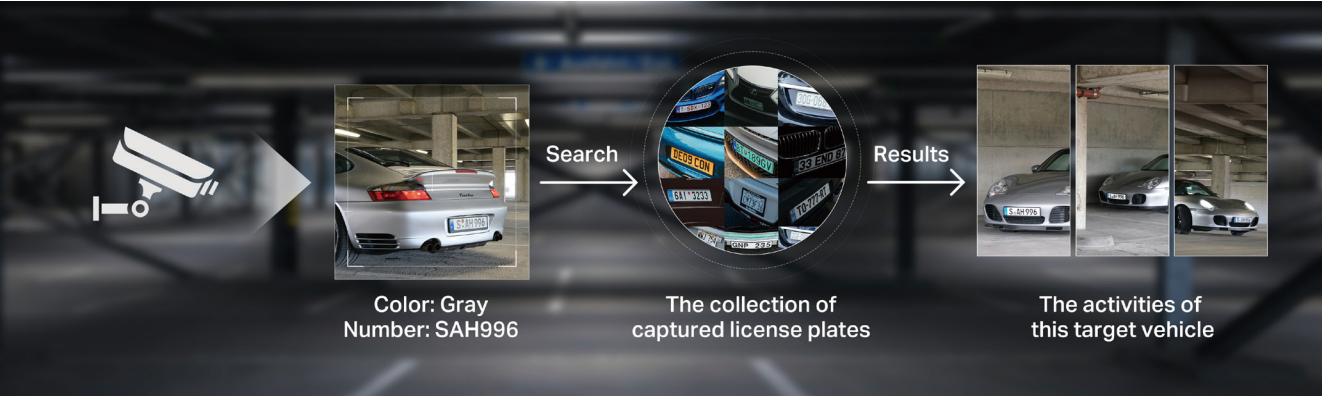

Parking Lot

Scenario Requirements

- Trace the target vehicles in time

What We Offer

License Plate Recognition*

Smartly recognizes license plate colors and numbers, allowing for quick searches of related videos for a target vehicle. This significantly enhances post-event search efficiency and enables prompt response to incidents.

Color: Gray
Number: SAH996

Search →

The collection of captured license plates

Results →

The activities of this target vehicle

*License plate recognition is supported only in certain countries; please refer to the specific details for each region.

Monitoring Room

Scenario Requirements

- Respond promptly to on-site events
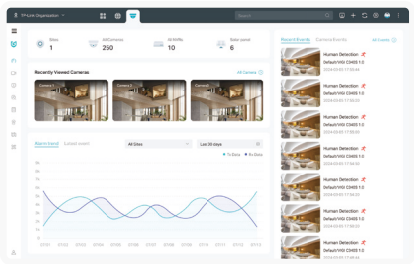- Quickly locate targets
- Intuitive software to reduce training costs

What We Offer

Prompt Reaction to Events

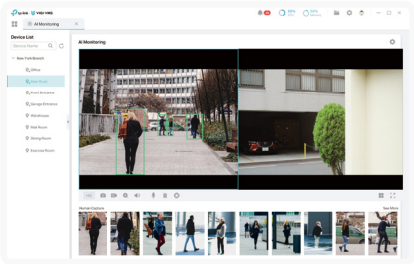VIGI VMS allows for efficient monitoring and prompt alarm notifications to help you manage events in a timely manner.

Dashboard
Keep an eye on global alarms and device status for prompt response to abnormalities and alerts.
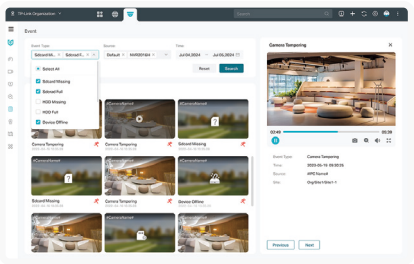
AI Monitoring
Captures moving humans in real time without missing anomalies. Smart framing also enhances visibility of moving objects.
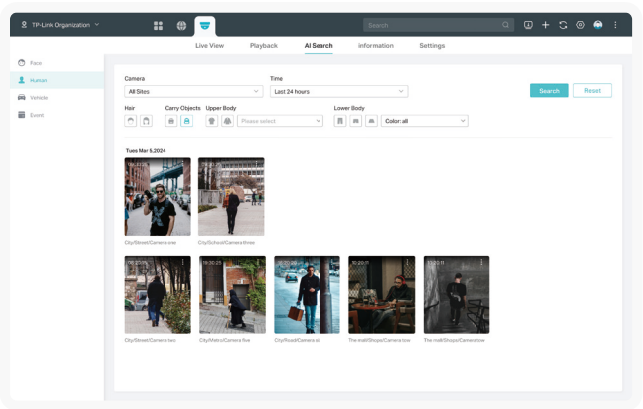
Event Management
Centrally view alarms, access event details with one click, and filter events by device, time, and event type for efficient tracking.
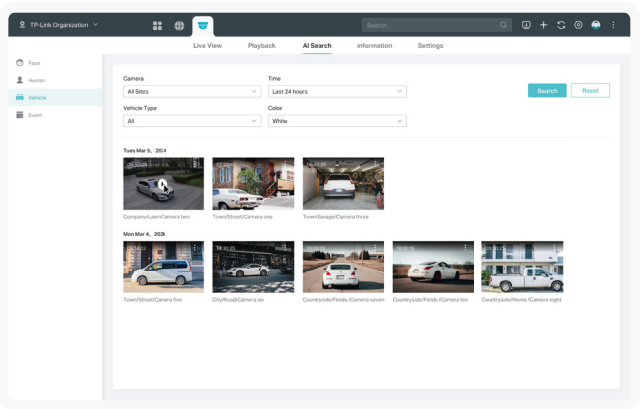

VCA-Based Smart Search

By Human Attributes
Filter people of interest by various attributes, such as hair length and clothing color for improved searching efficiency.
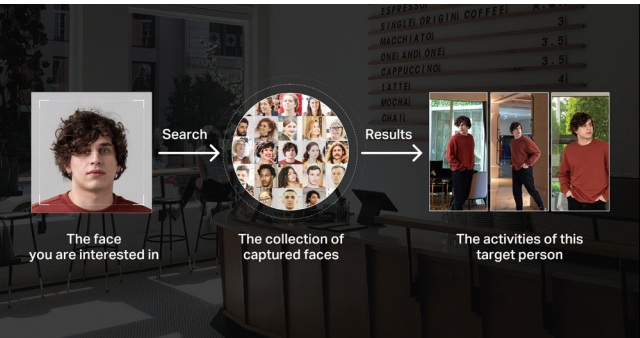
By Vehicle Attributes
Identify and search for targeted vehicles based on vehicle color and type for targeting meaningful events in a short time.

By Face

By searching for a existing face from the face library or by uploading a face image, you can find all related videos person across cameras, simplifying the process of locating this person swiftly.

The face you are interested in

Search →

The collection of captured faces

Results →

The activities of this target person
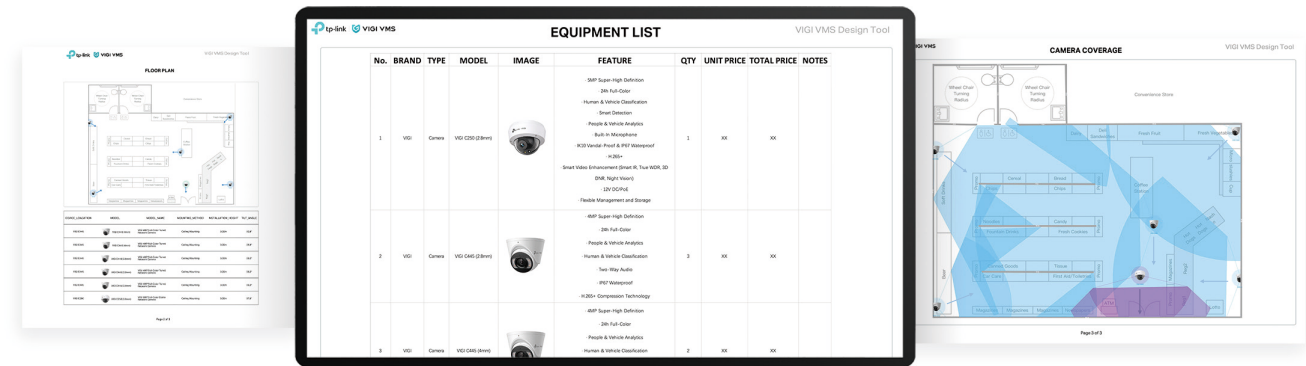
Evidence Collection

Promptly save monitoring footage and centrally archive and manage crucial evidence. Customize evidence type, tags, and remarks for easier backtracking.

Other Value Added Highlights

Project Design Tool* for Quick Proposal Creation

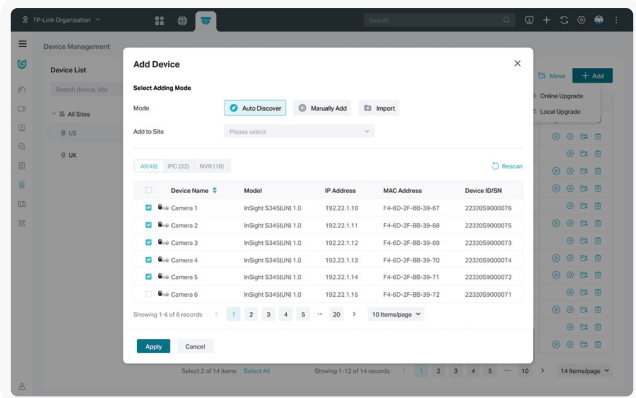Enables users to quickly select products, design security maps, and generate detailed proposals.

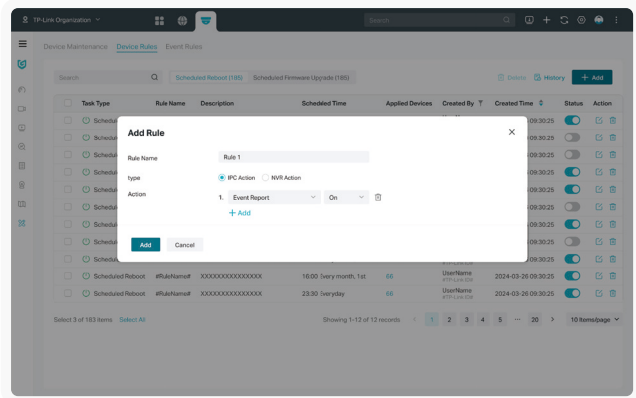Floor Plan | Equipment List | Camera Coverage

Easy Setup

Add Devices in Batches

VIGI VMS can automatically identify devices on the same LAN and add them in batches, accelerating project delivery.

Remote & Batch Device Configuration

Set configuration rules remotely and apply them to devices in batches for quick configuration, saving time.

Trusted Quality

- 💡 Independent R&D
- 🏭 Superior Suppliers
- ♻ Vertical Integration
- ✓ Complete Quality Control

Superb Pre- and After-Sales Services

- TPSA Certification and Training (TPSA)
- Replacement and Warranty
- Localization Support Teams
- Dedicated Online Support
- Official Community

*The VIGI Design Tool is available in VIGI VMS and VIGI Cloud VMS.

Recommended Products
High-Performance Solution

H.265+ Onvif® S T G NDAA COMPLIANT

Network Cameras

InSight S285
VIGI 8MP Full-Color Dome Network Camera

- 4K (8MP) Ultra HD & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S345S
VIGI 4MP Outdoor ColorPro Bullet Network Camera

- AI-ISP Powered Ultra Low-Light Imaging
- People & Vehicle Analytics
- Smart Detection
- IP67 Weatherproof

InSight S485
VIGI 8MP Full-Color Turret Network Camera

- 4K (8MP) Ultra HD & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S485PI
VIGI 8MP IR Panoramic Turret Camera

- 180° Panoramic
- 4K UHD with IR Night Vision
- People Counting
- Active Deterrence with Red-Blue Alarm Lights
- Two-Way Audio

InSight S345ZI
VIGI 4MP Outdoor IR Motorized Varifocal Bullet Network Camera

- 5X Optical Zoom
- 4MP Resolution with IR Night Vision
- Smart Detection
- Two-Way Audio
- 1/1 Alarm IN/OUT
- IP67 Weatherproof

Network Video Recorders

VIGI NVR4032H
VIGI 32 Channel Network Video Recorder

- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 4× 16TB HDDs*

VIGI NVR8064H
VIGI 64 Channel Network Video Recorder

- 4K HDMI Video Output
- 400Mbps Incoming and Outgoing Bandwidth
- 64MP Decoding Capability
- 8× 16TB HDDs*

Software Services

VIGI VMS
VIGI Video Management System

- Local Deployment
- 24/7 System Security
- Faster Response
- Remote Management with TP-Link ID
- Unlimited and License Free

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD is not included.
**All specifications are subject to change without notice.

Recommended Products
Cost-Effective Solution

Network Cameras

VIGI C240I
VIGI 4MP IR Dome Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- IK10 Vandal Proof

VIGI C230I Mini
VIGI 3MP IR Mini Dome Network Camera

- 3MP Resolution & IR Night Vision
- Smart Detection
- Two-Way Audio
- Corridor Mode
- Powered by PoE or DC

VIGI C340I
VIGI 4MP IR Bullet Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- Powered by PoE or DC

VIGI C440I
VIGI 4MP IR Turret Network Camera

- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- Corridor Mode
- Powered by PoE or DC

VIGI C540V
VIGI 4MP Outdoor Full-Color Dual-Lens Varifocal PT Network Camera

- 3X Mixed Zoom
- Instant & Smooth Zoom
- 4MP Resolution & Full-Color
- 360° Monitoring
- Smart Detection & Auto Tracking
- IP66 Weatherproof

VIGI C540S
VIGI 4MP Outdoor ColorPro Pan Tilt Network Camera

- Ultra Low-Light Imaging
- 360° Monitoring
- Face Recognition
- People & Vehicle Analytics
- Smart Detection
- IP66 Weatherproof

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**All specifications are subject to change without notice.

Solutions for Kindergartens and K-12 Schools
Centralized Management, Protect Schools

Scale: Small and Medium-Sized with 32 to 200 Devices

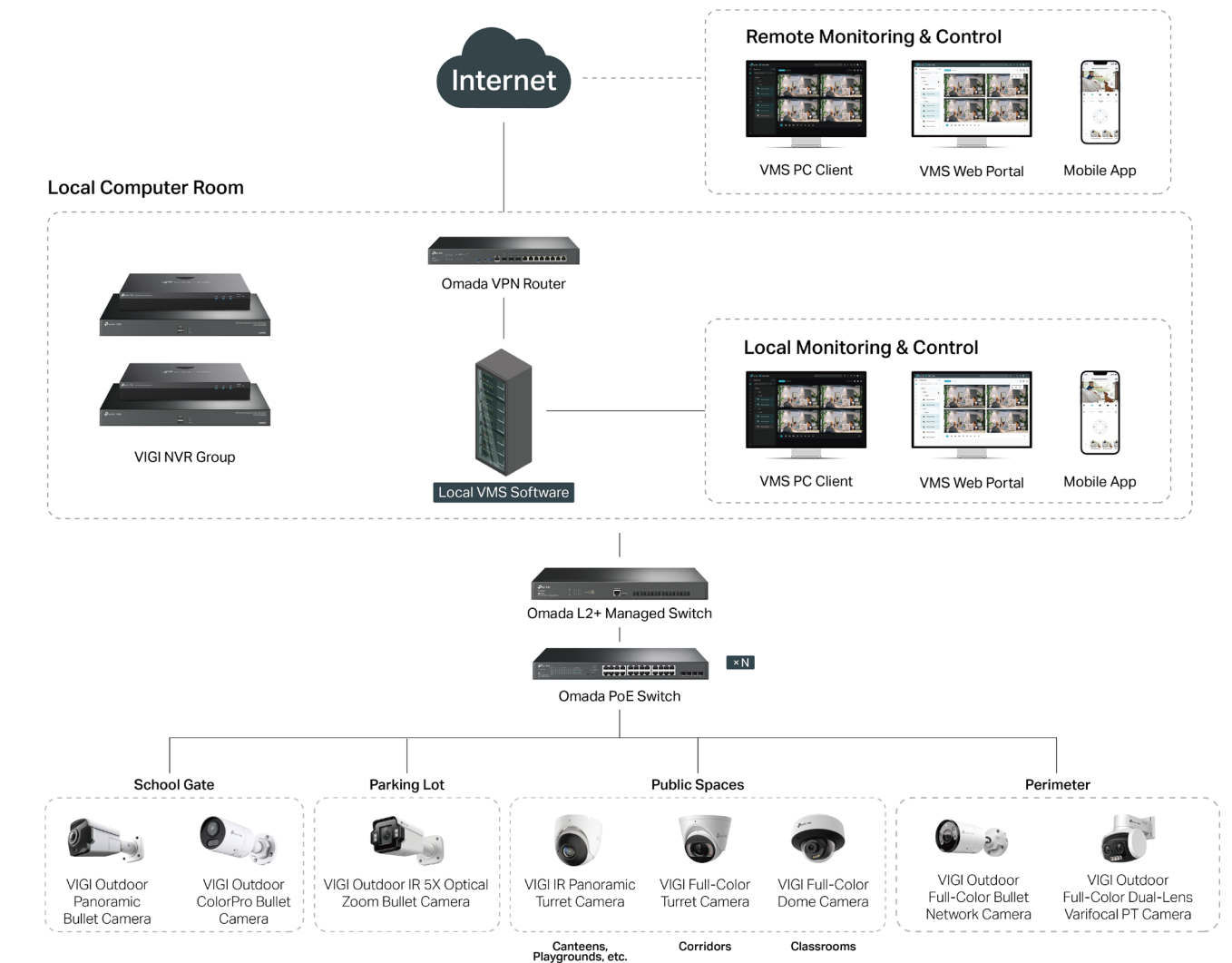## Challenges

- Slow Accident Response
- Student Concerns for Campus Safety
- Frequent Events at the Perimeter

Full Products for Schools

Internet

Remote Monitoring & Control
- VMS PC Client
- VMS Web Portal
- Mobile App

Local Computer Room

Omada VPN Router

VIGI NVR Group

Local VMS Software

Local Monitoring & Control
- VMS PC Client
- VMS Web Portal
- Mobile App

Omada L2+ Managed Switch

Omada PoE Switch × N

School Gate
- VIGI Outdoor Panoramic Bullet Camera
- VIGI Outdoor ColorPro Bullet Camera

Parking Lot
- VIGI Outdoor IR 5X Optical Zoom Bullet Camera

Public Spaces
- VIGI IR Panoramic Turret Camera — Canteens, Playgrounds, etc.
- VIGI Full-Color Turret Camera — Corridors
- VIGI Full-Color Dome Camera — Classrooms

Perimeter
- VIGI Outdoor Full-Color Bullet Network Camera
- VIGI Outdoor Full-Color Dual-Lens Varifocal PT Camera

For more solutions, please scan the QR code for details

Solution Highlights

School Gates

Scenario Requirements

• Prevent unauthorized entry and provide timely reminders

• Ultra low-light monitoring

What We Offer

Unauthorized Visitor Management

Using facial analysis, VIGI cameras detect unfamiliar visitors and alerts you to manage them promptly, streamlining school entrance control and enhancing school security.

VIGI AI ISP-Powered ColorPro 2.0 Image

Captures colorful and clear images even in ultra low-light conditions without fill lights, enhancing situational awareness. Captures colorful enhancing situational awareness

Naked Eyes   VIGI AI ISP-Powered ColorPro 2.0
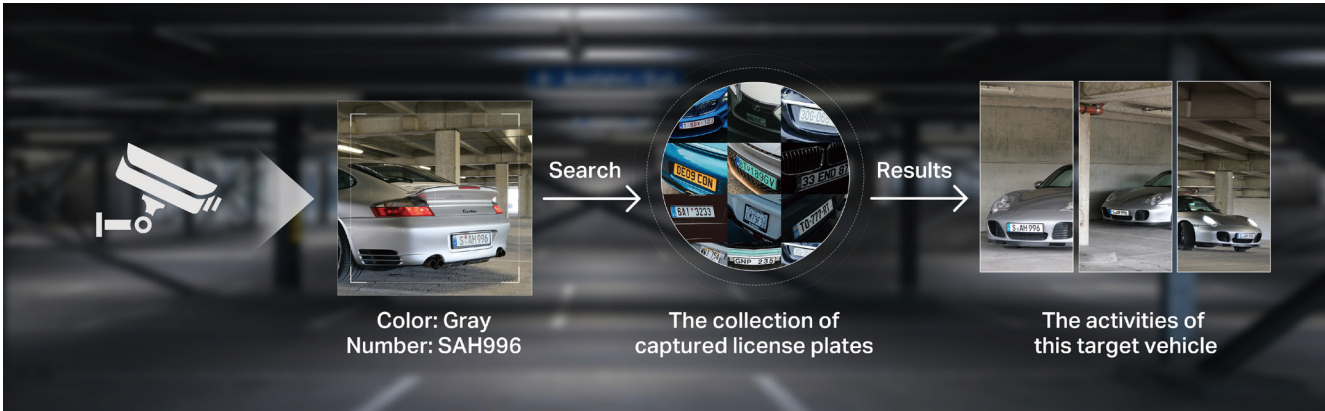
Parking Lot

Scenario Requirements

• Quickly locate a vehicle of interest

What We Offer

License Plate Recognition*

Smartly recognizes license plate colors and numbers, allowing for quick searches of related videos for a target vehicle. This significantly enhances post-event search efficiency and enables prompt response to incidents.

Color: Gray
Number: SAH996

Search → The collection of captured license plates

Results → The activities of this target vehicle

*License plate recognition is supported only in certain countries; please refer to the specific details for each region.
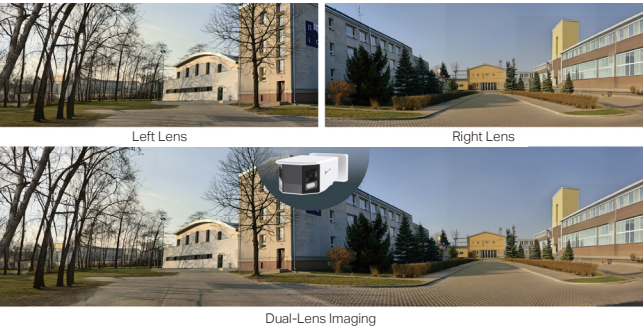
Public Spaces

Scenario Requirements

• 360° Monitoring

• Enhanced student privacy protection

• Complex deployment environments

What We Offer

Specially Designed for Canteens, Playgrounds, and Other Spacious Areas

Wide-Angle Duo Splicing Imaging
Renders 32:9 ultra-wide images without overlaps or gaps, effectively minimizing blind spots at campus corners.

Left Lens   Right Lens

Dual-Lens Imaging

PTZ
VIGI PTZ cameras offer 360° monitoring coverage of wide areas, utilizing their powerful rotation, tilt, and zoom capabilities.

Active Deterrence with Red-Blue Lights and Sirens
VIGI cameras deter intruders with flashing red and blue lights and sirens to safeguard campuses.
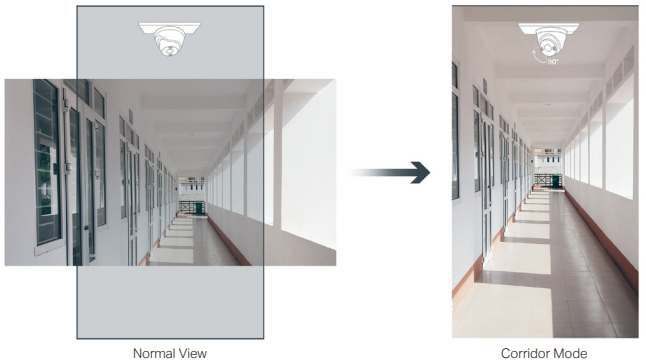

Specially Designed for Corridors

Corridor Mode
Optimizes camera coverage in narrow spaces like school corridors, ensuring no blind spots by precisely focusing on the intended areas.

Normal View   Corridor Mode

Specially Designed for Classrooms

Abnormal Sound Detection
Automatically detects unusual sounds like screams and glass breaking, triggering alarms to safeguard students' safety.

Face Blurring for Privacy Protection
Monitor the campus with privacy in mind by blurring faces in live video streams, instantly unblurring them when an incident occurs.

Easy Installation

- Various installation and power supply choices such as PoE, tailored to different scenario requirements.
- User-friendly design features like a universal metal ball bracket, along with support for ceiling, wall, and pole mounting methods, improve installation efficiency.

Corridors

Classrooms

Dining Hall

Playgrounds

Perimeter

Scenario Requirements

- Minimize false alarms from irrelevant objects like leaves and birds
- Prevent students or intruders from breaching the perimeter
- Reduce light pollution and power consumption at night

What We Offer

LightPro Night Vision

VIGI camera intelligently switches between IR and Full-Color night vision by detecting people or vehicles.

🖼 More Details　　☀ Less Light Pollution　　🏃 More Deterrence　　🚫 More Concealment

When no vehicles or people are present, the camera switches to IR night vision to reduce power consumption and enhance concealment.
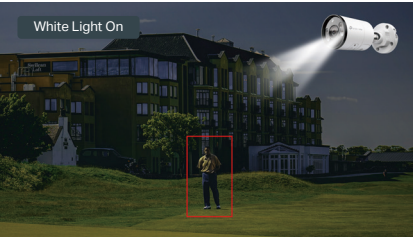
When the camera detects a person or vehicle, Full-Color night vision is automatically switched, providing clear, full-color videos and acting as a deterrent.

When the people or vehicle leaves, the camera will switch back to IR night vision for black-and-white images.

Human & Vehicle Classification

Differentiate humans and vehicles from other moving objects like birds and leaves to receive precise event notifications and avoid spending time reviewing unnecessary alerts.
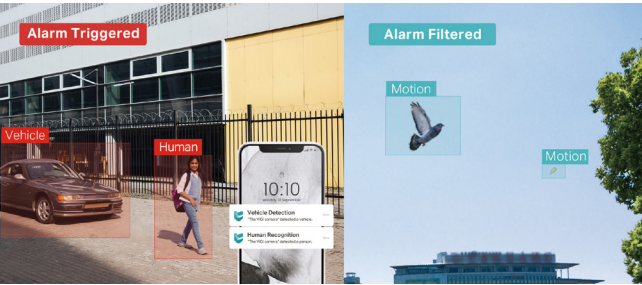
Immediate Response to Events

Enable Line-Crossing Detection to receive instant alarms when students or suspicious individuals try to cross the perimeter. Meanwhile, sound and light alarms will automatically activate to deter the intruder.

CCTV Room

Scenario Requirements

- Prompt responses to on-site events
- Quick post-event searches for individuals
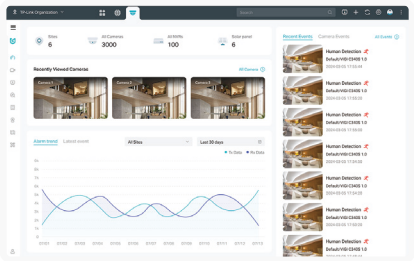- Intuitive software to reduce training costs

What We Offer

Prompt Reactions to Events

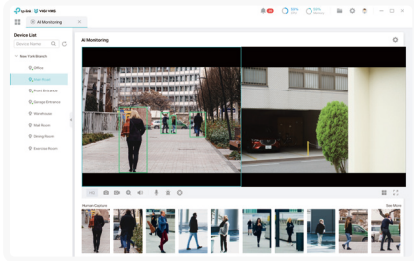VIGI VMS allows for efficient monitoring and prompt alarm notifications to help you manage events in a timely manner.

Dashboard
Keep an eye on global alarms and device status for prompt response to abnormalities and alerts.
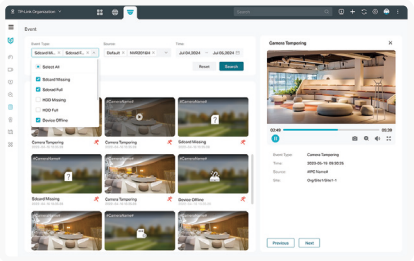
AI Monitoring
Captures moving humans in real time without missing anomalies. Smart framing also enhances visibility of moving objects.
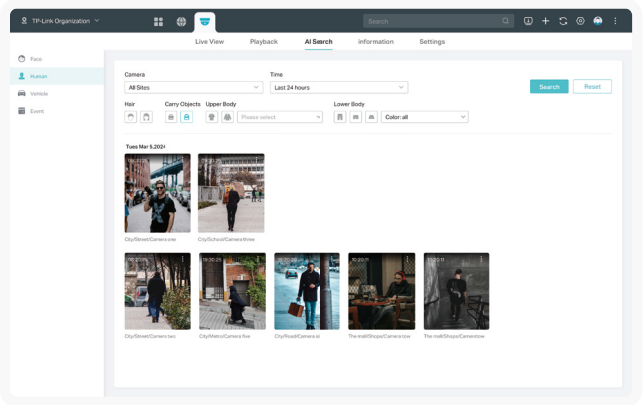
Event Management
Centrally view alarm events, access event details, and filter events by device, time, and event type for efficient tracking.
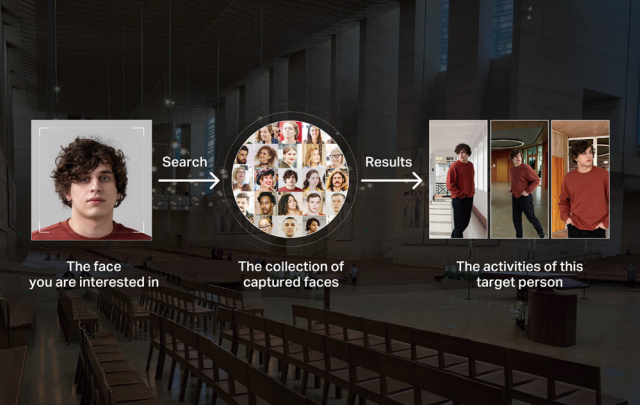

VCA-Based Smart Search

By Human Attribute
Filter people of interest by various attributes, such as hair length and clothing color for improved searching efficiency.
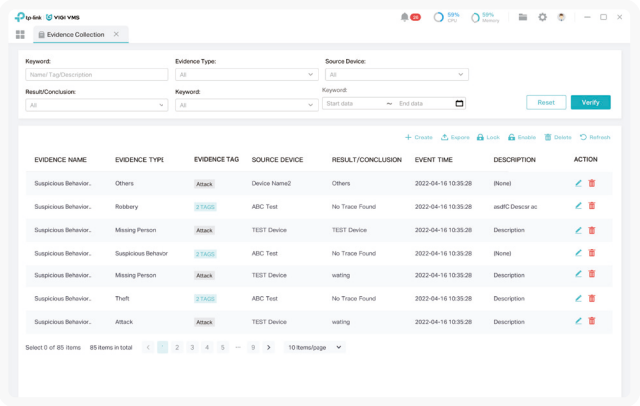
By Face
By searching for a existing face from the face library or by uploading a face image, you can find all related videos person across cameras.

The face you are interested in

The collection of captured faces

The activities of this target person

Evidence Collection

Promptly save monitoring footage and centrally archive and manage crucial evidence. Customize evidence type, tags, and remarks for easier backtracking.

Other Value Added Highlights
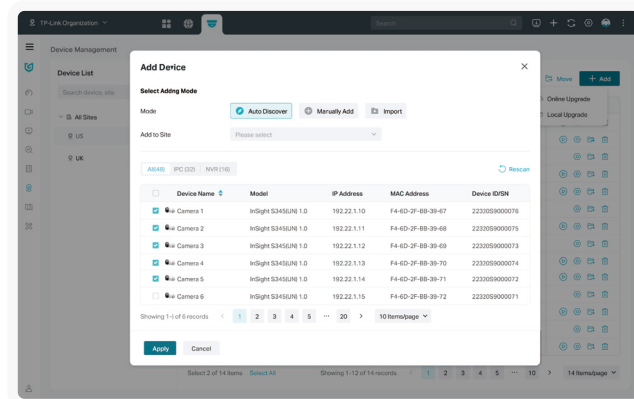
Lightweight Design Tool* For Quick Deployment

Enables users to quickly select products and generate detailed project proposals for installation guidance.
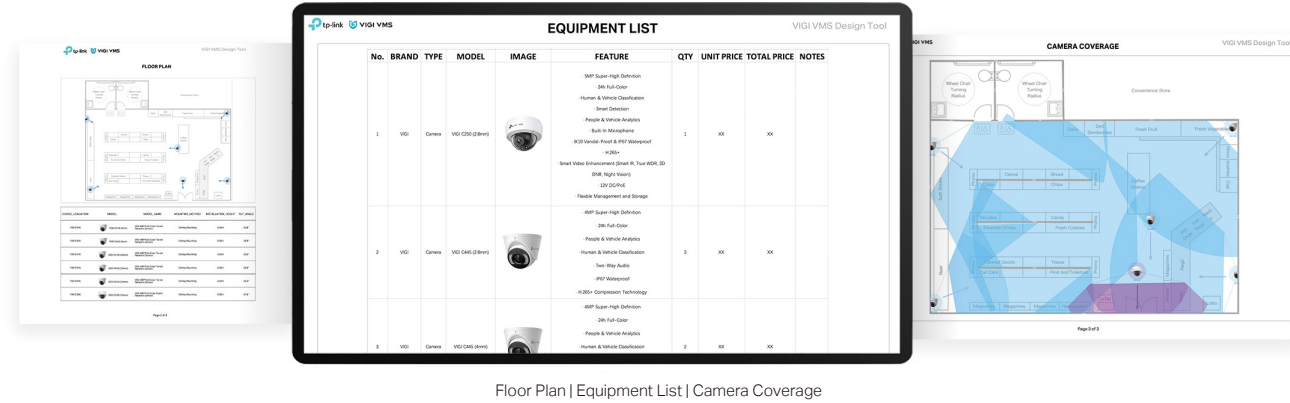
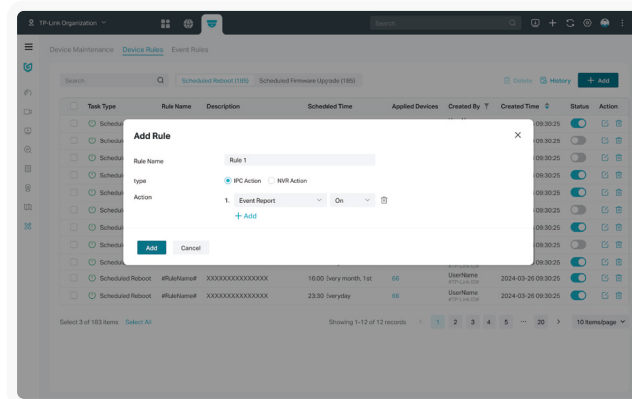Floor Plan | Equipment List | Camera Coverage

Easy Setup

Add Devices in Batches

VIGI VMS can automatically identify devices on the same LAN and add them in batches, accelerating project delivery.

Remote & Batch Device Configuration

Set configuration rules remotely and apply them to devices in batches for quick configuration, saving time.

Other Value-Added Highlights

Trusted Quality

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- Superior Suppliers
- Vertical Integration
- Complete Quality Control

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- Certification and Training (TPSA)
- Replacement and Warranty
- Localization Support Teams
- Lightweight Designer Tools
- Dedicated Online Support
- Official Community

SolutionX | Partner Program

https://partner.tp-link.com/

Join TP-Link SolutionX Partner Program to get better support and more profit.

*The VIGI Design Tool is available in VIGI VMS and VIGI Cloud VMS. The tool's entry point can be adjusted. Please check with your local technical support for details.

Recommended Products

High-Performance Solution

H.265+ **Onvif®** | **S T G** | **NDAA COMPLIANT**

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VIGI 8MP Full-Color Dome Network Camera
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- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

InSight S385DPS
VIGI 8MP Outdoor ColorPro Panoramic Bullet Network Camera
- 32:9 Ultra-Wide Angle
- AI-ISP Powered Ultra Low-Light Imaging
- 4K UHD & ePTZ
- People & Vehicle Analytics
- IP67 Weatherproof

InSight S345S
VIGI 4MP Outdoor ColorPro Bullet Network Camera
- AI-ISP Powered Ultra Low-Light Imaging
- Face Recognition
- People & Vehicle Analytics
- Smart Detection
- IP67 Weatherproof

InSight S385PI
VIGI 8MP Outdoor IR Panoramic Bullet Camera
- 180° Panoramic
- 4K UHD with IR Night Vision
- People Counting
- Active Deterrence with Red-Blue Alarm Lights
- IP67 Weatherproof

InSight S445
VIGI 4MP Full-Color Turret Network Camera
- 4MP Resolution & Full-Color
- People & Vehicle Analytics
- Smart Detection
- Active Defense
- Two-Way Audio

Network Video Recorders

VIGI NVR4032H
VIGI 32 Channel Network Video Recorder
- 320Mbps Incoming and Outgoing Bandwidth
- 4K HDMI Video Output
- 32MP Decoding Capability
- 4× 16TB HDDs*

VIGI NVR8064H
VIGI 64 Channel Network Video Recorder
- 4K HDMI Video Output
- 400Mbps Incoming and Outgoing Bandwidth
- 64MP Decoding Capability
- 8× 16TB HDDs*

Software Services

VIGI VMS
VIGI Video Management System
- Local Deployment
- 24/7 System Security
- Faster Response
- Remote Management with TP-Link ID
- Unlimited and License Free

Scan for more details about VIGI products

Scan the QR code to view related cases

*HDD is not included.
**All specifications are subject to change without notice.

Recommended Products

Cost-Effective Solution

H.265+ | ONVIF® | STG | NDAA COMPLIANT ✓

Network Cameras

VIGI C240I
VIGI 4MP IR Dome Network Camera
- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- IK10 Vandal Proof

VIGI C340I
VIGI 4MP IR Bullet Network Camera
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- Smart Detection
- Built-in Microphone
- IP67 Weatherproof
- Powered by PoE or DC

VIGI C340S
VIGI 4MP Outdoor ColorPro Bullet Network Camera
- Ultra Low-Light Imaging
- Face Recognition
- People & Vehicle Analytics
- Smart Detection
- IP67 Weatherproof

VIGI C440I
VIGI 4MP IR Turret Network Camera
- 4MP Resolution & IR Night Vision
- Smart Detection
- Built-in Microphone
- Corridor Mode
- Powered by PoE or DC

VIGI C540
VIGI 4MP Outdoor Full-Color PT Network Camera
- 4MP Resolution & Full-Color
- 360° Monitoring
- Smart Detection & Auto Tracking
- Active Defense
- IP66 Weatherproof

VIGI C540V
VIGI 4MP Outdoor Full-Color Dual-Lens Varifocal PT Network Camera
- 3X Mixed Zoom
- Instant & Smooth Zoom
- 4MP Resolution & Full-Color
- 360° Monitoring
- Smart Detection & Auto Tracking
- IP66 Weatherproof

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Solar Power Solution

Farmlands | Islands | Construction Sites and More

Non-Stop Power Where the Sun Shines

Challenges

- Complex Wiring
- Hard to Maintain
- Poor System Stability
- Difficult Installation and Removal
- Short System Standby Time
- Difficult Event Tracing

What We Offer

Manage and Maintain Without On-Site Visits

Control devices centrally, monitor power statistics, receive low-battery alerts, update firmware, and reboot the system via the VIGI app or VIGI Cloud VMS. Enjoy peace of mind, no matter your location.
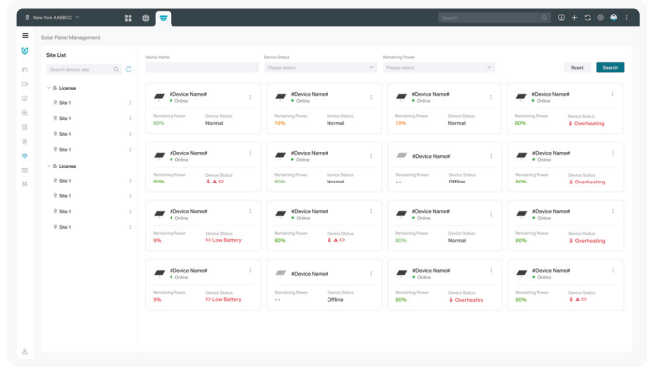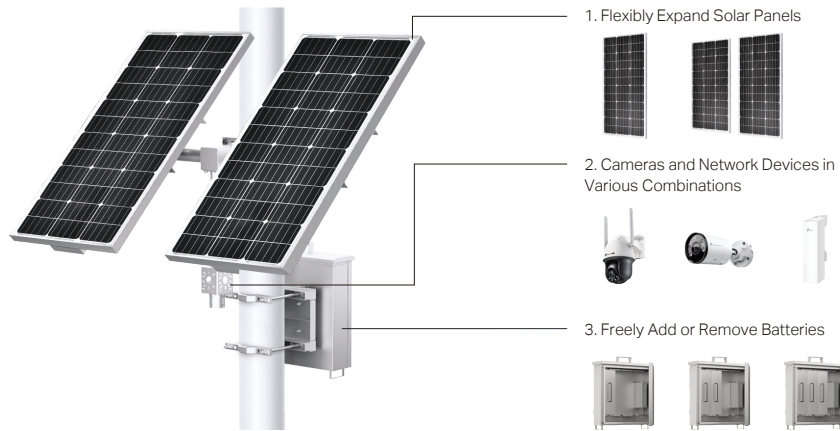
VIGI Cloud VMS

VIGI App
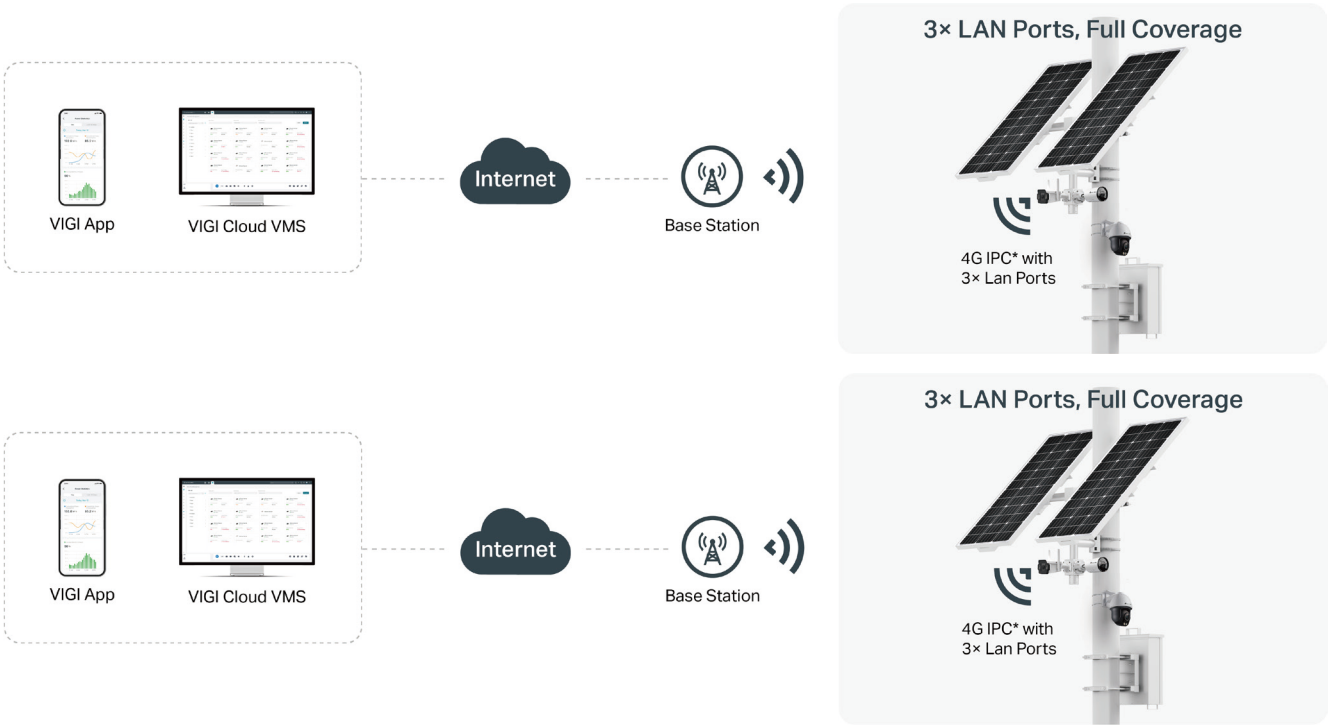
Customized Assembling

Easily tailor your solar power system with our modular hardware design. Mix and match solar panels, batteries, and onboard devices (3× DC voltage output ports available) to meet your deployment needs freely.
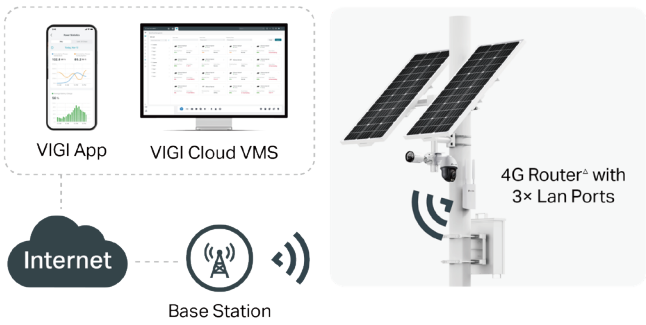
1. Flexibly Expand Solar Panels
2. Cameras and Network Devices in Various Combinations
3. Freely Add or Remove Batteries

For more solutions, please scan the QR code for details

Flexible Deployment

1. 4G IPC-Solar Power Solution

VIGI App — VIGI Cloud VMS — Internet — Base Station — 3× LAN Ports, Full Coverage — 4G IPC* with 3× Lan Ports

VIGI App — VIGI Cloud VMS — Internet — Base Station — 3× LAN Ports, Full Coverage — 4G IPC* with 3× Lan Ports

2. 4G Router-IPC-Solar Power Solution

VIGI App — VIGI Cloud VMS — Internet — Base Station — 4G Router# with 3× Lan Ports

3. Wireless Bridge-IPC-Solar Power Solution

VIGI App — VIGI Cloud VMS — Internet — Router — Switch
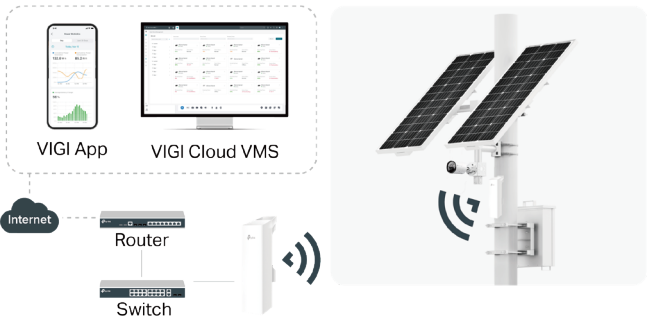
Simple Installation

The modular design allows for quick bracket installation and disassembly within minutes.
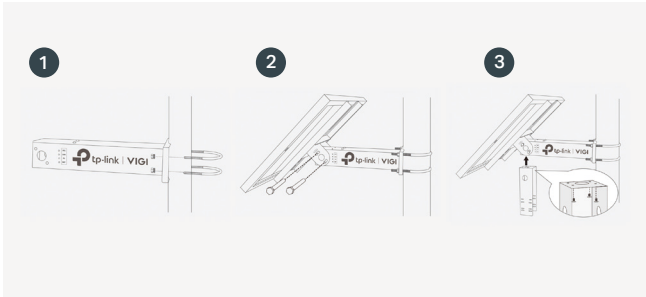
Adjustable Angle

Adjustable angles of 5°, 15°, 25°, 35°, 45°, and 55° ensure optimal alignment and maximum sunlight utilization.

5°/15°/25°/35°/45°/55°
Adjustable angles

*The model of the 4G IPC is InSight S345-4G.
#The model of the 4G router is ER703WP-4G-Outdoor.

Longer Standby Time

Industrial-Grade Solar Panel
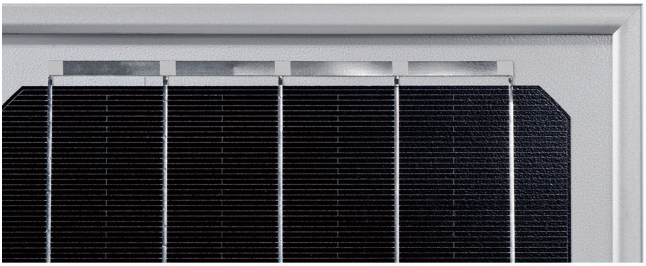
Grade **A** Solar Panel

21.6%* ↑ Conversion Efficiency

25+ Year Lifespan

Up to **180W†** Optional

Automotive-Grade Lithium Battery
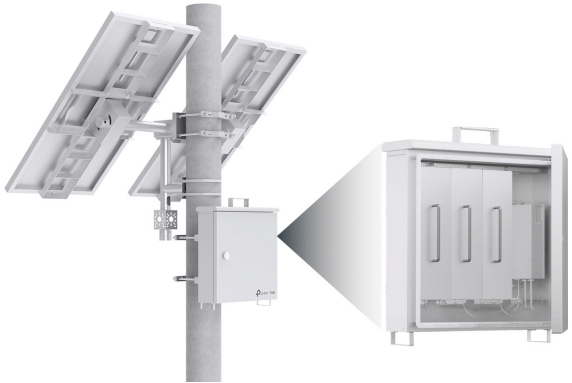
Up to **93.6Ah** Optional

Discharge Efficiency up to **99%**

> 500 Cycles

Remaining Capacity **> 70%** after 500 Cycles

Independent Protection Circuit**

Ensures battery safety and uninterrupted device operation.

Independent Protection Circuit

If a single battery fails, other batteries still work normally

No Independent Protection Circuit

If a single battery fails, other batteries are at risk of damage
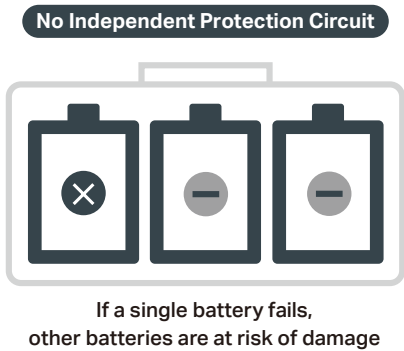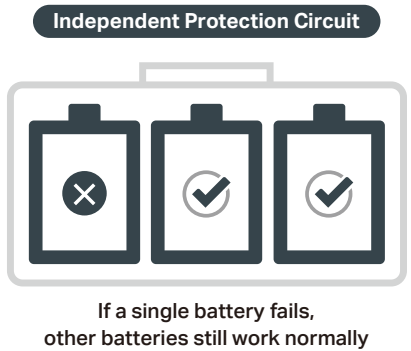
MPPT Controller Boosts Charging Efficiency

An MPPT (Maximum Power Point Tracking) controller optimizes solar panel power, reduces power loss, and increases charging efficiency by 20% compared to PWM (Pulse Width Modulation) controllers.

MPPT Controller

PWM Controller

Increases Charging Efficiency by **20%**

*This value is compared to the conversion efficiency of polycrystalline silicon solar modules.
**Applicable to VIGI PS90.
†Requires 2*VIGI Solar Panel 90W.

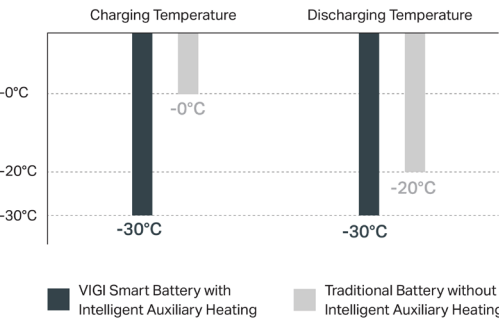# High System Stability Reduces Subsequent Maintenance Costs
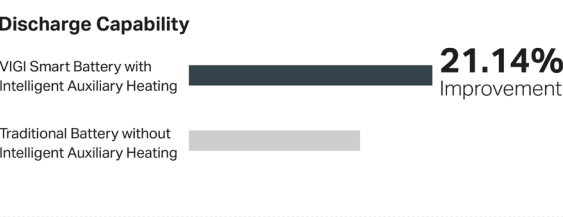
Enterprise Level Hardware Design

IP66
Weatherproof

10%-90%RH
Working Humidity

-30℃-60℃
Working Temperature

3.2mm High-strength tempered glass

8.8 Grade* high-strength screws with **anti-loosening spring pads**

Aluminum frame

Back beam made from **3mm-thick SGCC steel**

High-quality SGCC galvanized steel and coated with **a resin powder finish** for enhanced corrosion resistance

Explosion-proof valve design improves safety

Reinforced angle-adjustable bracket

Integrated Bracket made of 3mm high-quality SGCC Galvanized Steel

Special pole clamp with 3mm wall thickness for poles 80mm to 160mm in diameter

Aluminum alloy hinge

Engineering-grade outdoor lock

Weatherproof box features four-layer waterproofing, Rated up to **IP66**

Intelligent Auxiliary Heating Technology

The built-in smart battery supports intelligent auxiliary heating technology, which allows the battery to operate normally across a wide temperature range.

Charge and Discharge Temperature Limit Comparison

Charging Temperature

Discharging Temperature

-0℃
-20℃
-30℃

-0℃

-30℃

-20℃

-30℃

■ VIGI Smart Battery with Intelligent Auxiliary Heating

□ Traditional Battery without Intelligent Auxiliary Heating

Actual Discharge Comparison at the Same Temperature

Discharge Capability

VIGI Smart Battery with Intelligent Auxiliary Heating

Traditional Battery without Intelligent Auxiliary Heating

21.14%
Improvement

*The auxiliary heat will only be turned on when the photovoltaic system has a certain input or the battery has a certain amount of power. The test environment consisted of a 20℃ aging box and 1A constant current discharge.

Rapid Incident Handling

In remote areas like orchards and farms, dim lighting at night complicates intruder detection. Delays in reaching the scene may mean incidents are already happening, compounded by complex terrain hindering intruder tracking.

VIGI AI ISP-Powered ColorPro 2.0 Image

Captures colorful and clear images even in ultra low-light conditions without fill lights, enhancing situational awareness.

Naked Eyes

VIGI AI ISP-Powered ColorPro 2.0 Image

*Complies with international standard ISO 898-1.

Smart Detection

VIGI's smart detection, like intrusion and line crossing, will notify you promptly of any breach, enabling swift action on your part.

Active Defense

Instantly deter potential intruders with sound and light, proactively protecting your property even when you're away.
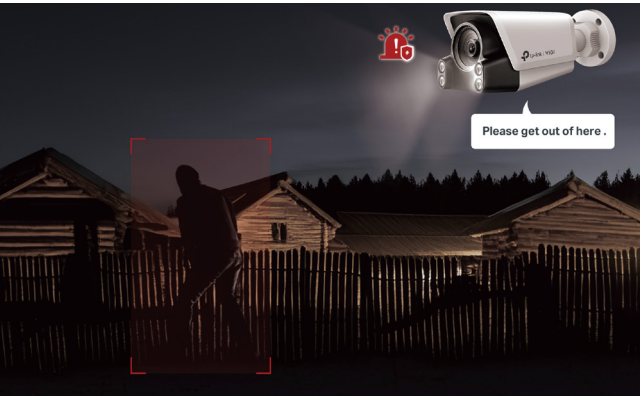
Auto Tracking

Continuously tracks intruders and provides seamless footage. This enables swift comprehension of intruders' paths.

Suitable for Remote Areas and Temporary Applications

Farmlands

Islands

Construction Sites

Parks

Other Value-Added Highlights

Trusted Quality

- Independent R&D
- Superior Suppliers
- Vertical Integration
- Complete Quality Control

Superb Pre- and After-Sales Services

- Certification and Training (TPSA)
- Replacement and Warranty
- Localization Support Teams
- Lightweight Designer Tools
- Dedicated Online Support
- Official Community

SolutionX | Partner Program

https://partner.tp-link.com/

Join TP-Link SolutionX Partner Program to get better support and more profit.

Recommended Products

Solar Power Supply System*

NDAA COMPLIANT ✓

VIGI SP18090
VIGI Intelligent Solar Power Supply System

- 2× 90W Photovoltaic Panels
- 93.6Ah/10.95V Lithium Battery
- 3× DC Voltage Output Ports
- Modular Design
- IP66 Weatherproof

VIGI SP9030
VIGI Intelligent Solar Power Supply System

- 90W Photovoltaic Panel
- 31.2Ah/10.8V Lithium Battery
- 3× DC Voltage Output Ports
- Modular Design
- IP66 Weatherproof

Network Cameras

H.265+ ONVIF® | STG NDAA COMPLIANT ✓

InSight S345-4G
VIGI 4MP Outdoor Full-Color 4G Bullet Network Camera

- 3× LAN Ports to Power Downstream Devices
- 4G Mobile Network**
- 4MP Resolution & Full-Color
- Smart Detection
- Active Defense and Two-Way Audio
- IP66 Weatherproof and On-board Storage**

VIGI C540-4G
VIGI 4MP Outdoor Full-Color 4G Pan Tilt Network Camera

- 4MP Resolution & Full-Color
- 4G Mobile Network**
- 360° Monitoring & Auto Tracking
- Human & Vehicle Classification
- Smart Detection
- Active Defense and Two-Way Audio
- IP66 Weatherproof and On-board Storage**

Software Services

VIGI App

- Remote Management and Maintenance without On-site Presence
- Practical Playback
- Two-Way Audio
- Instant Notifications

VIGI Cloud VMS
VIGI Cloud Video Management System

- Cloud-Based, Free° and Unlimited
- Unified Management Across Sites
- Zero-touch Maintenance
- Easy to Deploy

Solar System Selector†

By specifying parameters such as load device power and desired system operating time, select the suitable solar products quickly.

Scan for more details about VIGI products

Scan the QR code to view related cases

*Different combinations of lithium batteries, solar panels, and solar mounts can create diverse solar power supply systems. For more information, visit the VIGI official website.
**Nano SIM card and MicroSD card are not included in the package.
†VIGI Solar System Selector is available in the VIGI App or VIGI website.
°For Essential version only.

Omada Central

Integrated Networking and Surveillance Solutions

Empower Your Business with Ease

Unified Management

Integrating Omada Networking and VIGI Surveillance

Manage and maintain your network and surveillance devices across sites with a single interface.
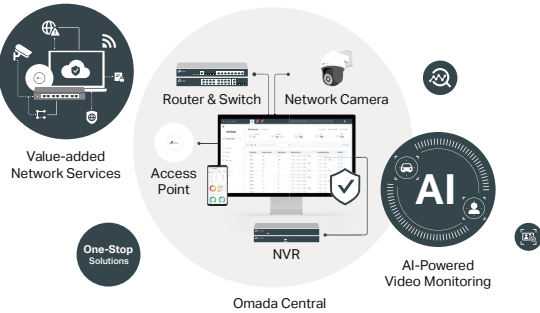
Simple Deployment and Setup

Auto Discover and Add Devices in Batch

Automatically detect and identify cameras and NVRs on the network, including VIGI and third-party security devices, with support for bulk addition to streamline deployment.
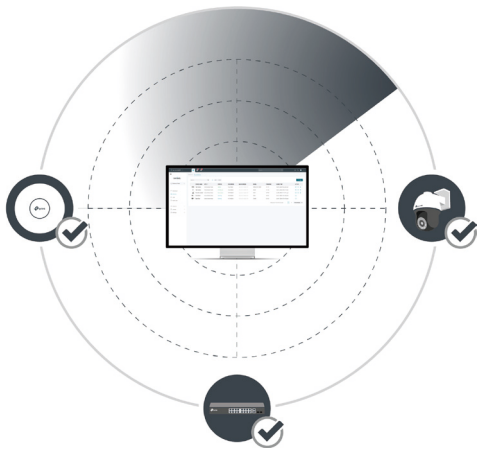
Flexibly Scale Your Business

Scale your sites and devices effortlessly as your business grows, without compromising performance
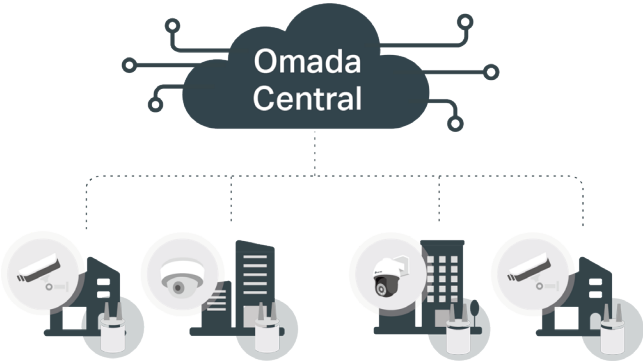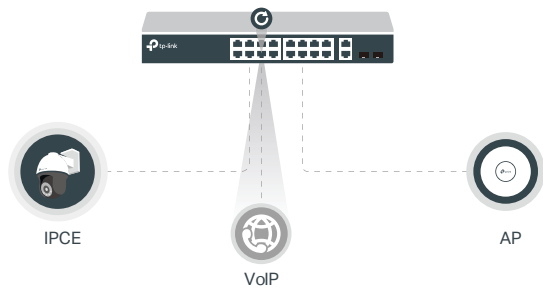

*The listed functions and images are for reference only. Please consult the actual software for details.

Quick Troubleshooting

IntelliRecover

Continuously monitor the device's online status. Upon identifying an anomaly, Omada Central automatically triggers a PoE port restart to attempt a repair, ensuring uninterrupted monitoring.

NAT Traversal

Enables remote access and management of devices in complex network environments, enhancing system availability and flexibility.

IPCE

VoIP

AP
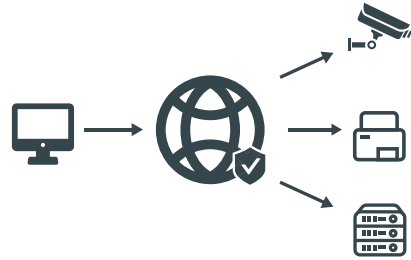
Advanced Network Features Empowering Physical Security

Auto QoS

Prioritizes identification and allocation of traffic to video in congested networks.

Enterprise-Level Authentication

Supports Captive Portal, PPSK, Mac-Auth, Dot1x, etc. to further enhance network security and safer video transmission.

Flow Control

Resolve burst traffic issues using device buffers, and reduce the bandwidth pressure caused by I-frame stacking.

Jumbo frames

Automatically configure switch ports for IPCs that support jumbo frames to ensure compatibility, preventing frame drops and video freezes caused by fragmented I-frame transmissions.

Port Isolation

Automatically enable isolation for camera and NVR device ports to prevent east-west traffic broadcast storms, reduce unnecessary network consumption.

*The listed functions and images are for reference only. Please consult the actual software for details.

VIGI Products

VIGI VMS

—Local-Deployed, Suitable for Medium Projects

Brief

VIGI VMS is a local-deployed software system designed for centralized management of medium-scale surveillance projects like supermarkets, hotels and schools. It includes features such as real-time video monitoring, user permission management, alarm handling, evidence collection, and virtual map integration, aiming to enhance your video management efficiency.

Central Management | Local Deployment | Faster Response
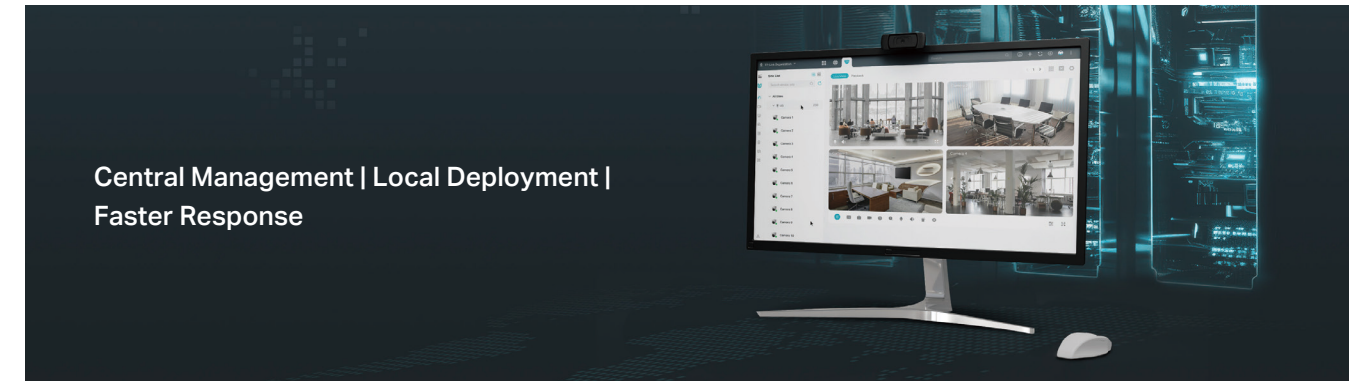
Always On, Continuous Awareness

VIGI VMS, with local deployment, provides continuous and stable monitoring, ensuring real-time scene awareness and timely responses.
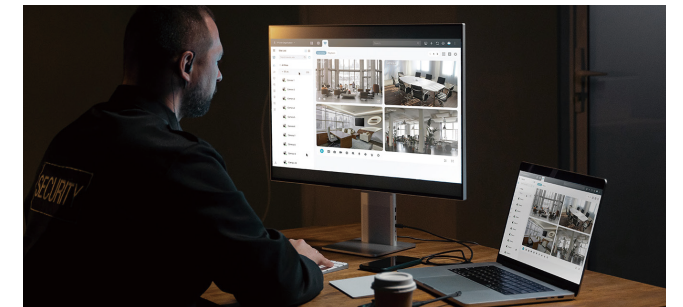
Faster Response

Live Views

View up to 64* channels simultaneously. Customize your layout and quickly access frequently used monitoring devices.
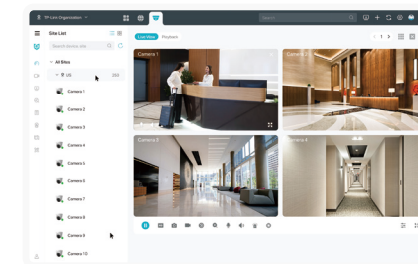
AI Monitoring

Captures moving people and vehicles in real time without missing anomalies, with smart framing to enhance visibility.
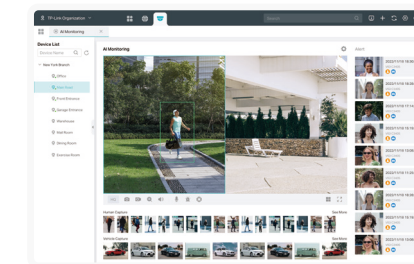
Unified Event Management

Centrally view alarm events, access event details, and filter events by device, time, and event type for efficient tracking.
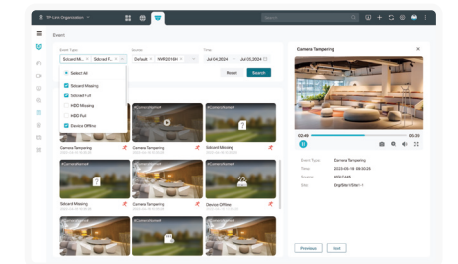
Remote Management

No VPN or complex setups are required. Users can simply access their local-deployed VMS by logging in with their TP-Link ID and manage devices remotely.

VIGI Software Services

- VIGI VMS
- VIGI Cloud VMS
- VIGI App

- VIGI Project Design Tool
- VIGI Config Tool
- VIGI Device GUI and Web
- VIGI OpenAPI & Web SDK

*Supported only on VIGI VMS PC Client. The actual number of live views is also limited by the performance of the device and computer.

Perfect for Mid-Size Businesses

Hotels

Supermarkets

Offices

Schools

Specifications

Features		Performance
Supported and Language		English, Japanese, Turkish, Spanish, Portuguese, Brazilian Portuguese, Traditional Chinese, French, Italian, German, Spanish(Mexico), Russian, Korean, Thai, Polish, Czech, Slovak, Hungarian, Serbian, Romanian, Bulgarian, Ukrainian
General	Org Owner	1
	User	Unlimited
	Site	Unlimited
	Site Level	10 levels (Organization-site-subsite)
	Site Member	Unlimited
Devices	Channel	Unlimited
Video	Live View	64-ch live view at a time on one screen
	Playback	4-ch playback at a time
	Favorite Device	256
Log	Log Number	1,000,000
Events & Rules	Device Events	1,000,000
	Custom Events	1,000,000
	Device Rules	100
	Event Rules	100
	Rules History	10,000
Map	Map File Size	20MB
	Map Number	2048
	Map Marker	500 for each map
Evidence	Evidence Type	100
	Result Type	100
	Evidence Number	10,000
	File Size	100MB for each file
	File Number	20 for each evidence
	Custom Tag	10 for each evidence

VIGI Cloud VMS
—Cloud-Based, Suitable for Distributed Scenarios

Brief

VIGI Cloud VMS is a video management system hosted on public cloud servers like AWS. It allows centralized and remote management of security devices across multiple sites, offering features like device access, video monitoring, and multi-user permission control—perfect for multi-site monitoring scenarios, such as chain stores.

Ensures Unified Security Management on the Cloud

Free* and Unlimited
Expand your sites and devices freely without local front-end deployment, VPN, or IT maintenance, greatly saving ony your project expenses.
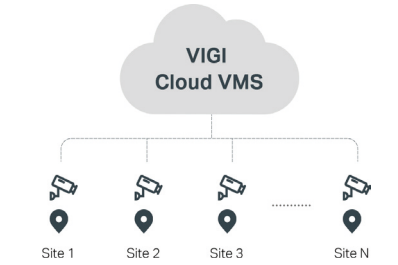
User Privilege Management
Assign varying permissions to members for each site, such as Admin, Viewer and Live Only. This ensures members access only necessary resources.
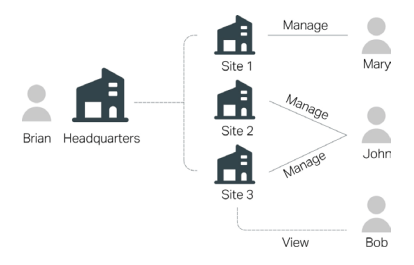
Remote Management
Manage your devices, view live monitoring and playback, and receive real-time alerts using the VIGI app, Web Portal, or VIGI PC Client—all without the need of a VPN.
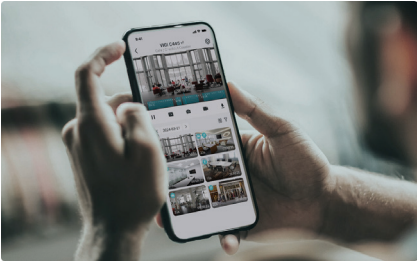
Practical Monitoring Features

Dashboard
Displays overall device status across sites, alarm trends, and the latest alarms.
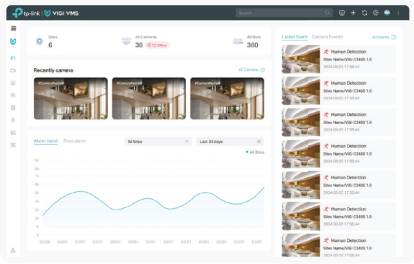
Event Center
Centrally manage events and filter events by device, time, and event type.
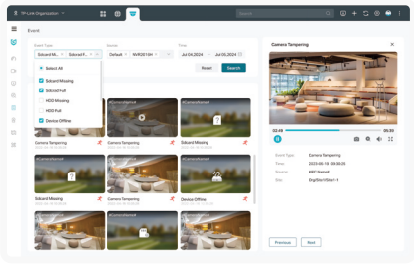
Map Monitoring
View device distribution on a floor plan and click any camera for live view.

Scan the QR code to experience it now.
https://vms.tplinkcloud.com/
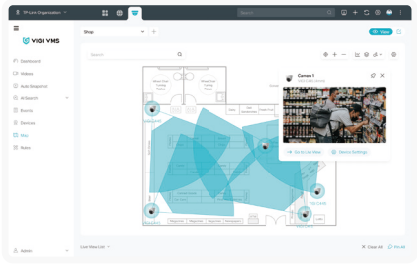
*For Essential version only.

Deploy and Maintain with Ease

Deliver a Project in Minutes
- 6 minutes to expand a new site.
- Automatically search devices on the same LAN and adds them in batch.

Zero-touch Maintenance
- Remote Configuration and Initialization
- Online & Auto Firmware Upgrades
- Troubleshoot Without On-site Visits
- Real-time Device Heath Alarm

Extended Cloud Storage Service

By purchasing a license, you can flexibly expand your cloud storage space, enhancing data access and security while reducing the cost of purchasing and maintaining local storage devices.

AWS-Based Reliability

VIGI Cloud VMS, hosted on AWS servers and maintained by the TP-Link team 24/7, ensures high availability and robust security.

Typical Application Scenarios

Chain Stores/Distributed Offices

Multi-location Solar System

Two Variant for Your Choose

Essential | Free Unlimited

Free version, providing basic video monitoring features.

- ✓ Basic Features, including Organization, Site, Users, Video, Alarm, and more
- ✓ Event Notifications via App
- ✓ Site Map
- ✓ Third-Party Camera Access
- ✓ Audit Log

Standard*

Paid version, providing value-added features.

- ✓ Everything Essential Has
- ✓ Event Notifications via Email
- ✓ Intelligent Search using People and Vehicle Attributes
- ✓ Single Sign-on
- ✓ User Groups
- ✓ More Advanced Features like Intelligent Chain-store Patrol, Heatmap, Customer Flow Analytics, and Crowd/Queue Management

Scan the QR code to experience it now.
https://vms.tplinkcloud.com/

*The features are for reference only. Please refer to the actual software features.

VIGI App

—Designed for Lightweight Management Scenarios

Brief

The VIGI app is a lightweight management software ideal for remotely overseeing small scenarios, such as stores and cafes. It offers robust video monitoring features, such 24/7 live view, convenient playback, and instant alarm notifications. Its user-friendly design also helps reduce installation, setup, and maintenance costs.

Manage Your Security Anytime, Anywhere

Integrated Live Views and Playback

Access up to 16 live views and quickly locate events using timeline and event types in a single interface.

Intuitive Multi-Screen Preview

With the optimized UI design, Live View becomes more intuitive and detail-focused.

Instant Alarms

Receive real-time alerts to stay up-to-date with what's happening.
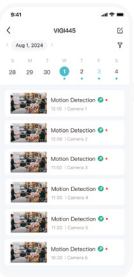
Device Sharing

Easily share devices with up to five users and assign different permissions.
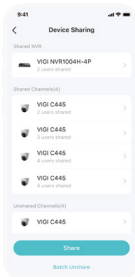
Practical Toolkits

Various installation tools enhance installation efficiency and lower labor costs.
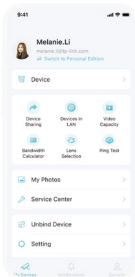
Auto Search and Batch Device Adding

The VIGI app can automatically detect devices under the same LAN, adding them in batches for hassle-free setup.

One App for NVR Initialization

Initialize the NVR directly through the VIGI app, without the need for a screen.

*The listed functions and images are for reference only. Please consult the actual software for details.

VIGI Project Design Tool

—Designed for Quick Project Proposal Creation

Brief

The VIGI Project Design Tool allows users to quickly select the right products, simulate surveillance deployment on the virtual map, and generate detailed project proposals. This tool is ideal for installers, pre-sales engineers, and similar professionals, reducing deployment time and costs.


Quick Product Selection | Easy Project Design | Diversified Reporting

Complete Product Selection & Rich Filters

Our design tool supports selecting all product categories, including VIGI products, Omada products, and third-party products. It also offers filters like focal length and installation height to help you pick the right product easily and quickly.
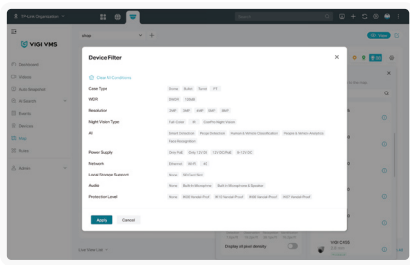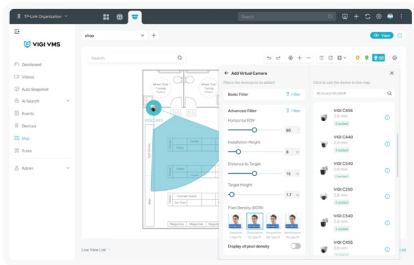
Easy Project Design

Intuitive DORI Display

• Display different DORI levels within the same sector using color depth, and show the current monitoring distance and pixel density as the mouse moves.
• Provides a clearer understanding of the camera's performance at different distances.
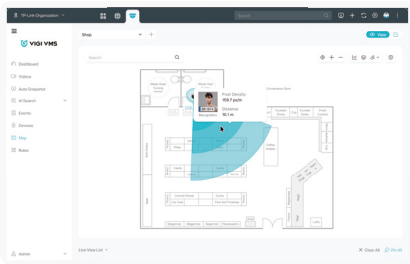
3D Installation Simulation

Displays a more realistic camera Installation effect, aiding in precise planning and adjustment of device models and installation methods.
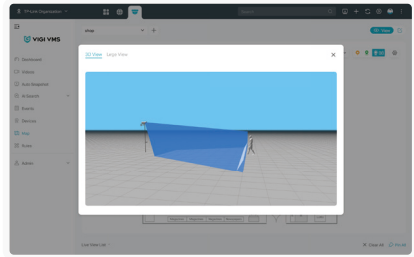
Batch Configure Simulation Options

Batch configure installation simulation parameters, modify models, and remove walls to enhance deployment efficiency.

*The VIGI Project Design Tool is available in VIGI VMS and VIGI Cloud VMS.
**The listed functions and images are for reference only. Please consult the actual software for details.

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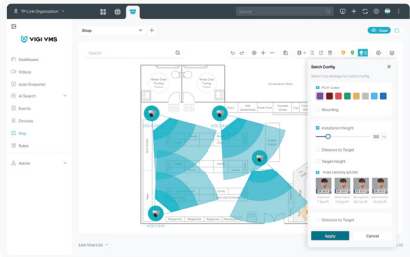
Diversified Reporting

Supports exporting equipment lists, installation reports, camera deployment renderings, and more, meeting the diverse needs of different users.
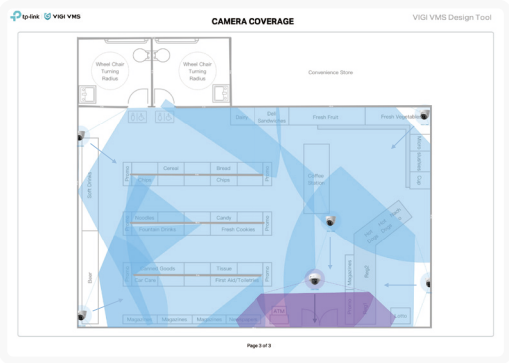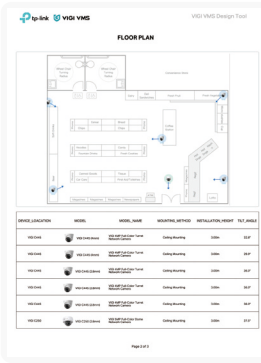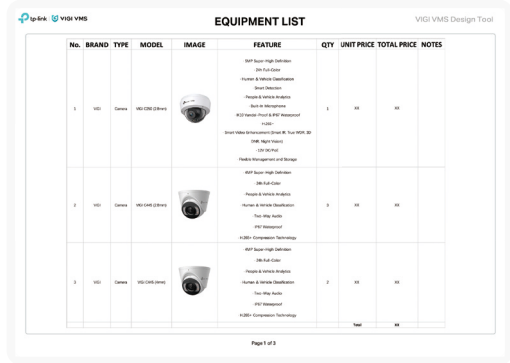
Efficient Project Management

• Supports project import, export, copy, and collaborative editing features.
• Allows for exporting Word, Excel, and PDF files with watermarks.
• Custom upload your brand logo to increase brand exposure.
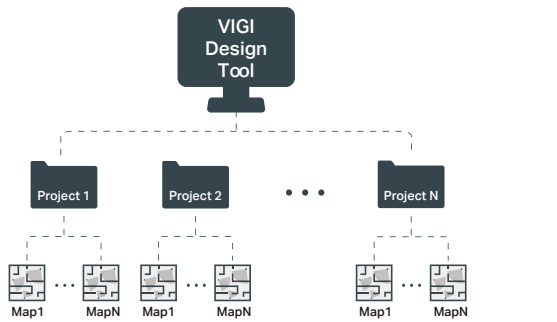
VIGI Config Tool

—Designed for Effortless System Configuration

Brief

VIGI Config Tool speeds up system configuration with full device management capabilities, extensive batch configuration options, and reusable configuration templates.

Batch Device Management

Easily activate the device, manage passwords, upgrade firmware, reboot, etc.

Batch Configuration

Supports batch configuration of devices, including OSD, Active Defense, Basic Events, etc.

Configuration by Template

Create reusable templates like recording schedules. Distribute configurations to multiple devices via templates.

*The listed functions and images are for reference only. Please consult the actual software for details.

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VIGI Device GUI and Web

—Stand-alone Management System Comes with Device
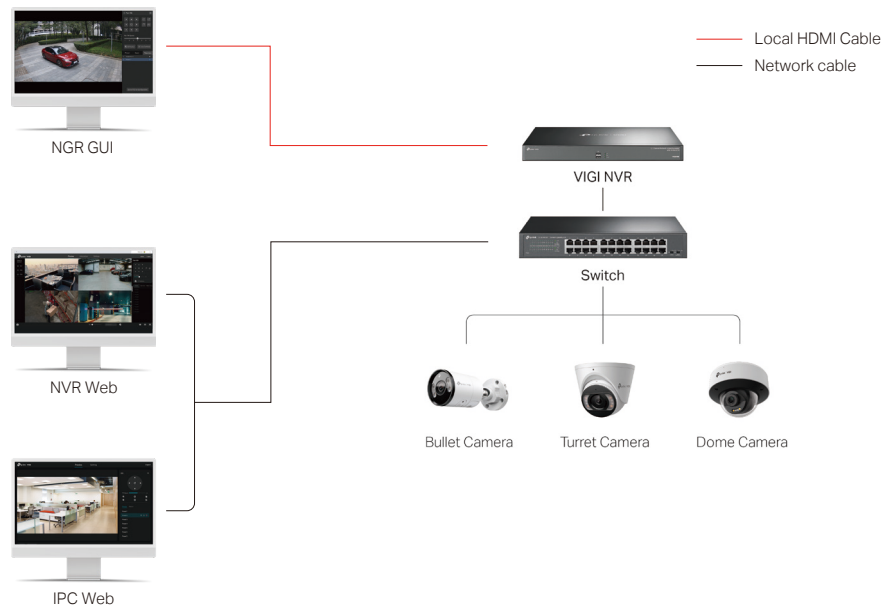
VIGI NVR GUI

Connect the NVR to a display screen using an HDMI or VGA cable to access local NVR GUI monitoring. Ideal for local 24/7 monitoring in small and mid-size scale scenarios.

NGR GUI

VIGI NVR Web

The VIGI NVR can also be controlled from the web browser via the IP address, providing a convenient way free from local video cable.
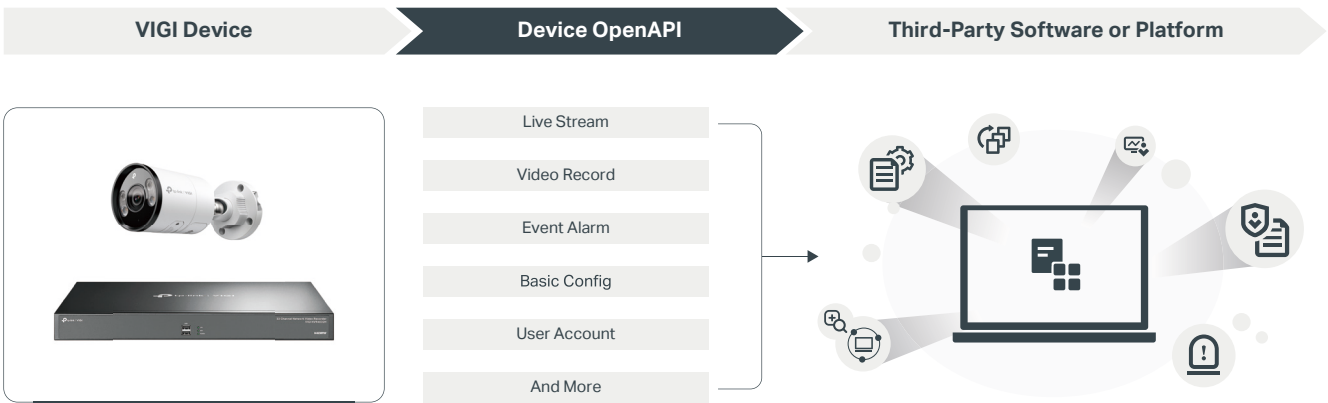
NVR Web

VIGI IPC Web

With VIGI IPC web access, you can configure the IPC parameters and watch videos from a web browser by entering the device's IP address.

IPC Web

Local HDMI Cable
Network cable

VIGI NVR

Switch

Bullet Camera   Turret Camera   Dome Camera

VIGI OpenAPI & Web SDK

—Open Capability for Third-Party Integration

Enables third-party to access live streams, video playback, and event lists from VIGI IPC and NVR systems.

VIGI Device	Device OpenAPI	Third-Party Software or Platform

Live Stream

Video Record

Event Alarm

Basic Config

User Account

And More

VIGI Network Cameras

• EasyCam Series

• InSight Series

EasyCam Series

Easy-to-Use, Time Saved

Product Type	Product Model			
Dome Camera	VIGI C220I*† 2MP IR Dome	VIGI C230I Mini 3MP IR Dome	VIGI C230I*† 3MP IR Dome	VIGI C230*† 3MP Full-Color Dome
	VIGI C240I*† 4MP IR Dome	VIGI C240† 4MP Full-Color Dome	VIGI C250† 5MP Full-Color Dome	
Bullet Camera	VIGI C320I*† 2MP IR Bullet	EasyCam C320† 2MP Full-Color Bullet	VIGI C330I*† 3MP IR Bullet	VIGI C330*† 3MP Full-Color Bullet
	VIGI C340I*† 4MP IR Bullet	VIGI C340*† 4MP Full-Color Bullet	VIGI C340-W*† 4MP Full-Color Wi-Fi Bullet	VIGI C340S 4MP ColorPro Bullet
	VIGI C350† 5MP Full-Color Bullet			
Turret Camera	VIGI C420I*† 2MP IR Turret	EasyCam C420† 2MP Full-Color Turret	VIGI C430I*† 3MP IR Turret	VIGI C430*† 3MP Full-Color Turret
	VIGI C440I*† 4MP IR Turret	VIGI C440*† 4MP Full-Color Turret	VIGI C440-W* 4MP Full-Color Wi-Fi Turret	VIGI C450† 5MP Full-Color Turret
PT Camera	VIGI C540* 4MP Full-Color PT	VIGI C540-W* 4MP Full-Color Wi-Fi PT	VIGI C540-4G 4MP Full-Color 4G PT	VIGI C540V 4MP Dual-Lens Varied Focal Full-Color PT
	VIGI C540S 4MP ColorPro PT			

*Images and functions may vary between versions; please refer to the actual version for details.
†Subject to the benchmark focal length, there may be derivative models with different focal lengths under research in the shipped projects.

Specifications

Bullet Cameras

Product Type	Bullet								
Product Image									
Product Model	VIGI C340S	VIGI C350	VIGI C340	VIGI C340-W	VIGI C330	EasyCam C320	VIGI C340I	VIGI C330I	VIGI C320I
Pixels	4MP, ColorPro	5MP, Full-Color	4MP, Full-Color	4MP, Full-Color	3MP, Full-Color	2MP, Full-Color	4MP, IR	3MP, IR	2MP, IR
Image Sensor	1/1.8"	1/2.7"	1/3"	1/3"	1/2.8"	1/3"	1/3"	1/2.8"	1/3"
Aperture	F1.0	F1.6	F1.6	F1.6	F1.6	F2.0	4/6mm: F2.0 2.8mm: F2.2	4/6mm: F2.0 2.8mm: F2.2	4/6mm: F2.0 2.8mm: F2.2
Focal Length	4mm	2.8/4/6mm	2.8/4/6mm	4mm	2.8/4/6mm	2.8/4/6mm	2.8/4/6mm	2.8/4/6mm	2.8/4/6mm
Min. Illumination	Color: 0.0005 Lux; 0 Lux with White Light	Color: 0.005 Lux; 0 Lux with White Light					Color: 0.01 Lux; 0 Lux with IR		
Video Compression	H.265+/H.264+/ H.265/H.264								
Smart Detection†	●	●	●	●	●	●	●	●	●
Human & Vehicle Classification	●	●	●	●	●	●	●	●	●
People & Vehicle Analytics*	●	●	-	-	-	-	-	-	-
Facial Recognition	●	-	-	-	-	-	-	-	-
SmartVid	●	●	●	●	●	●	●	●	●
WDR	120dB	120dB	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
IR Light Range	-	30 m	30 m	30 m	30 m	30 m	50 m	50 m	50 m
Built-In Microphone	●	●	●	●	●	●	●	●	●
Built-In Speaker	●	●	●	●	-	-	-	-	-
Micro-SD Card Slot‡	Yes, Up to 512 GB						-		
Network	Ethernet	Ethernet	Ethernet	Wi-Fi, Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	IP67	IP67	IP67	IP66	IP67	IP67	IP67	IP67	IP67
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 9-12V	DC 12V; PoE	PoE	DC 12V; PoE	DC 12V; PoE	PoE
Operating Temperature	-30~60°C								

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
†Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
‡SD card is not included in the package.

Turret Cameras

Product Type	Turret							
Product Image								
Product Model	VIGI C450	VIGI C440	VIGI C440-W	VIGI C430	EasyCam C420	VIGI C440I	VIGI C430I	VIGI C420I
Pixels	5MP, Full-Color	4MP, Full-Color	4MP, Full-Color	3MP, Full-Color	2MP, Full-Color	4MP, IR	3MP, IR	2MP, IR
Image Sensor	1/2.7"	1/3"	1/3"	1/2.8"	1/3"	1/3"	1/2.8"	1/3"
Aperture	F1.6	F1.6	F1.6	F1.6	F2.0	2.8mm: F2.2 4mm: F2.0	4mm: F2.0 2.8mm: F2.2	4mm: F2.0 2.8mm: F2.2
Focal Length	2.8/4mm	2.8/4mm	4mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm
Min. Illumination	Color: 0.005 Lux; 0 Lux with IR/White Light					Color: 0.01 Lux; 0 Lux with IR		
Video Compression	H.265+/H.264+/ H.265/H.264							
Smart Detection[†]	•	•	•	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•	•	•	•
People & Vehicle Analytics*	•	-	-	-	-	-	-	-
Facial Recognition	-	-	-	-	-	-	-	-
SmartVid	•	•	•	•	•	•	•	•
WDR	120dB	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
IR Light Range	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[‡]	Yes, Up to 512 GB				-			
Network	Ethernet	Ethernet	Wi-Fi, Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	-	-	-	-	-	-	-	-
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 9-12V	DC 12V; PoE	PoE	DC 12V; PoE	DC 12V; PoE	PoE
Operating Temperature	-30~60°C							

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card is not included in the package.

Dome Cameras

Product Type	Dome						
Product Image							
Product Model	VIGI C250	VIGI C240	VIGI C230	VIGI C240I	VIGI C230I	VIGI C220I	VIGI C230I Mini
Pixels	5MP, Full-Color	4MP, Full-Color	3MP, Full-Color	4MP, IR	3MP, IR	2MP, IR	3MP, IR
Image Sensor	1/2.7"	1/3"	1/2.8"	1/3"	1/2.8"	1/3"	1/2.8"
Aperture	F1.6	F1.6	F1.6	2.8mm: F2.2 4mm: F2.0	4mm: F2.0 2.8mm: F2.2	4mm: F2.0 2.8mm: F2.2	F1.6
Focal Length	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8mm
Min. Illumination	Color: 0.005 Lux; 0 Lux with IR/White Light			Color: 0.01 Lux; 0 Lux with IR			
Video Compression	H.265+/H.264+/ H.265/H.264						
Smart Detection[†]	•	•	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•	•	•
People & Vehicle Analytics*	•	-	-	-	-	-	-
Facial Recognition	-	-	-	-	-	-	-
SmartVid	•	•	•	•	•	•	•
WDR	120dB	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
IR Light Range	30 m	30 m	30 m	30 m	30 m	30 m	30 m
Built-In Microphone	•	•	•	•	•	•	•
Built-In Speaker	-	-	-	-	-	-	•
Micro-SD Card Slot[‡]	Yes, Up to 512 GB		-	-	-		Yes, Up to 512 GB
Network	Ethernet						
Protection	IP67, IK10						IP67, IK08
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	PoE	DC 12V; PoE
Operating Temperature	-30~60°C						

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card is not included in the package.

Specifications

Pan Tilt Cameras

Product Type	Pan Tilt				
Product Image					
Product Model	VIGI C540S	VIGI C540V	VIGI C540	VIGI C540-W	VIGI C540-4G
Pixels	4MP, ColorPro	4MP, Full-Color	4MP, Full-Color	4MP, Full-Color	4MP, Full-Color
Image Sensor	1/1.8"	1/3"	1/3"	1/3"	1/3"
Aperture	F1.0	F1.6	F1.6	F1.6	F1.6
Focal Length	4mm	4 to 12mm (Mixed Zoom)	4mm	4mm	4mm
Min. Illumination	Color: 0.0005 Lux; 0 Lux with White Light	Color: 0.005 Lux; 0 Lux with IR/White Light			
Video Compression	H.265+/H.264+/ H.265/H.264				
Smart Detection[†]	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•
People & Vehicle Analytics*	•	-	-	-	-
Facial Recognition	•	-	-	-	-
SmartVid	•	•	•	•	•
WDR	120dB	DWDR	DWDR	DWDR	DWDR
IR Light Range	-	30 m	30 m	30 m	30 m
Built-In Microphone	•	•	•	•	•
Built-In Speaker	•	•	•	•	•
Micro-SD Card Slot[‡]	Yes, Up to 512 GB				
Network	Ethernet	Ethernet	Ethernet	Wi-Fi, Ethernet	Ethernet, 4G[‡]
Protection	IP66	IP66	IP66	IP66	IP66
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V	DC 12V
Operating Temperature	-30~60°C				

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card and Nano-SIM card are not included in the package.

InSight Series

Intelligent with Durable Metal Case

Product Type	Product Model			
Dome Camera	InSight S225* 2MP Full-Color Dome	InSight S245ZI 4MP IR Motorized Varifocal Dome	InSight S245* 4MP Full-Color Dome	InSight S245S 4MP ColorPro Dome
	InSight S285* 8MP Full-Color Dome	InSight S285S 8MP ColorPro Dome	InSight S285ZI 8MP IR Motorized Varifocal Dome	
Bullet Camera	InSight S325* 2MP Full-Color Bullet	InSight S345ZI 4MP IR Motorized Varifocal Bullet	InSight S345* 4MP Full-Color Bullet	InSight S345-4G 4MP Full-Color 4G Bullet
	InSight S345S 4MP ColorPro Bullet	InSight S355* 5MP Full-Color Bullet	InSight S385* 8MP Full-Color Bullet	InSight S385S 8MP ColorPro Bullet
	InSight S385DPS 8MP ColorPro Panoramic Bullet	InSight S385PI 8MP IR Panoramic Bullet	InSight S385ZI 8MP IR Motorized Varifocal Bullet	
Turret Camera	InSight S425* 2MP Full-Color Turret	InSight S445ZI 4MP IR Motorized Varifocal Turret	InSight S445* 4MP Full-Color Turret	InSight S445S 4MP ColorPro Turret
	InSight S455* 5MP Full-Color Turret	InSight S465* 6MP Full-Color Turret	InSight S485* 8MP Full-Color Turret	InSight S485S 8MP ColorPro Turret
	InSight S485PI 8MP IR Panoramic Turret	InSight S485ZI 8MP IR Motorized Varifocal Turret		
Fisheye Camera	InSight S655I* 5MP IR Fisheye	InSight S685I* 8MP IR Fisheye		
PTZ Camera	InSight PTZ7832 7-inch 8MP 32X Full-Color PTZ	InSight PTZ5425 5-inch 4MP 25X Full-Color PTZ		

*Subject to the benchmark focal length, there may be derivative models with different focal lengths under research in the shipped projects.
**Images may vary between versions and are for reference only; please refer to the actual version for details.

Specifications
Bullet Cameras

Product Type	Bullet								
Product Image									
Product Model	InSight S385DPS	InSight S345S	InSight S385	InSight S345-4G	InSight S355	InSight S345	InSight S325	InSight S385PI	InSight S345ZI
Pixels	8MP, ColorPro	4MP, ColorPro	8MP, Full-Color	4MP, Full-Color	5MP, Full-Color	4MP, Full-Color	2MP, Full-Color	8MP, IR	4MP, IR
Image Sensor	1/1.8"	1/1.8"	1/2.7"	1/3"	1/2.7"	1/2.7"	1/3"	1/2.7"	1/2.7"
Aperture	F1.0	F1.0	F1.6	F1.6	F1.6	F1.6	F2.0	F2.0	F1.6
Focal Length	2*3.6mm	4mm	2.8/4mm	4mm	2.8/4/6mm	2.8/4/6mm	2.8/4/6mm	1.65mm	2.7 to 13.5mm, 5× Optical Zoom
Min. Illumination	Color: 0.0005 Lux; 0 Lux with IR/White Light	Color: 0.005 Lux; 0 Lux with IR/White Light					Color: 0.01 Lux; 0 Lux with IR/White Light	Color: 0.005 Lux; 0 Lux with IR Light	
Video Compression	H.265+/H.264+/ H.265/H.264								
Smart Detection[†]	•	•	•	•	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•	•	•	•	•
People & Vehicle Analytics*	•	•	•	•	•	•	•	•	-
Facial Recognition	-	•	-	-	-	-	-	-	•
SmartVid	•	•	•	•	•	•	•	•	•
WDR	120dB	120dB	120dB	120dB	120dB	120dB	DWDR	120dB	120dB
IR Light Range	30 m	30 m	30 m	30 m	30 m	30 m	30m	20~30m	60 m
Two-Way Audio	•	•	•	•	•	•	-	•	•
Alarm In/Out	1/1	-	-	-	-	-	-	1/1	1/1
Red & Blue Lights	•	-	-	-	-	-	-	•	-
Micro-SD Card Slot[‡]	Yes, Up to 512 GB								
Network	Ethernet	Ethernet	Ethernet	4G[†], Ethernet (Supports 3*LAN Ports)	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	IP67	IP67	IP67	IP66	IP67	IP67	IIP67, IK10	IP67	IP67, IK10
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE
Operating Temperature	-30~60℃								

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card and Nano-SIM card are not included in the package.

Specifications
Turret Cameras

Product Type	Turret						
Product Image							
Product Model	InSight S445S	InSight S485	InSight S455	InSight S445	InSight S425	InSight S485PI	InSight S445ZI
Pixels	4MP, ColorPro	8MP, Full-Color	5MP, Full-Color	4MP, Full-Color	2MP, Full-Color	8MP, IR	4MP, IR
Image Sensor	1/1.8"	1/2.7"	1/2.7"	1/2.7"	1/3"	1/2.7"	1/2.7"
Aperture	F1.0	F1.6	F1.6	F1.6	F2.0	F2.0	F1.6
Focal Length	2.8mm	2.8/4mm	2.8/4mm	2.8/4mm	2.8/4mm	1.65mm	2.7 to 13.5mm, 5× Optical Zoom
Min. Illumination	Color: 0.0005 Lux; 0 Lux with IR/White Light	Color: 0.005 Lux; 0 Lux with IR/White Light			Color: 0.01 Lux; 0 Lux with IR/White Light	Color: 0.005 Lux; 0 Lux with IR Light	
Video Compression	H.265+/H.264+/ H.265/H.264						
Smart Detection[†]	•	•	•	•	•	•	•
Human & Vehicle Classification	•	•	•	•	•	•	•
People & Vehicle Analytics*	•	•	•	•	-	•	•
Facial Recognition	•	-	-	-	-	-	•
SmartVid	•	•	•	•	•	•	•
WDR	120dB	120dB	120dB	120dB	DWDR	120dB	120dB
IR Light Range	30 m	30 m	30 m	30 m	30 m	20~30m	60 m
Two-Way Audio	•	•	•	•	-	•	•
Alarm In/Out	-	-	-	-	-	1/1	1/1
Red & Blue Lights	-	-	-	-	-	•	-
Micro-SD Card Slot[‡]	Yes, Up to 512 GB						
Network	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	IP67	IP67	IP67	IP67	IP67, IK10	IP67	IP67, IK10
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE
Operating Temperature	-30~60℃						

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card and Nano-SIM card are not included in the package.

Specifications

Dome & Fisheye Cameras

Product Type	Dome				Fisheye
Product Image					
Product Model	InSight S285	InSight S245	InSight S225	InSight S245ZI	InSight S655I
Pixels	8MP, Full-Color	4MP, Full-Color	2MP, Full-Color	4MP, IR	5MP, IR
Image Sensor	1/2.7"	1/2.7"	1/3"	1/2.7"	1/2.7"
Aperture	F1.6	F1.6	F2.0	F1.6	F2.0
Focal Length	2.8/4mm	2.8/4mm	2.8/4mm	2.7 to 13.5mm, 5× Optical Zoom	1.44mm
Min. Illumination	Color: 0.005 Lux; 0 Lux with IR/White Light		Color: 0.01 Lux; 0 Lux with IR/White Light	Color: 0.005 Lux; 0 Lux with IR Light	Color: 0.01 Lux; 0 Lux with IR light
Video Compression	H.265+/H.264+/ H.265/H.264				
Smart Detection[†]	●	●	●	●	●
Human & Vehicle Classification	●	●	●	●	-
People & Vehicle Analytics*	●	●	-	-	-
Facial Recognition	-	-	-	●	-
SmartVid	●	●	●	●	●
WDR	120dB	120dB	DWDR	120dB	120dB
IR Light Range	30 m	30 m	30 m	30 m	10 m
Two-Way Audio	●	●	-	●	●
Alarm In/Out	-	-	-	1/1	-
Micro-SD Card Slot[‡]	Yes, Up to 512 GB				
Network	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Protection	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE
Operating Temperature	-30~60℃				

*When People & Vehicle Analytics is enabled, 120dB is not supported and only DWDR is supported.
**All specifications are subject to change without notice.
[†]Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
[‡]SD card and Nano-SIM card are not included in the package.

Specifications

PTZ Cameras

Product Type	PTZ	
Product Image		
Product Model	InSight PTZ7832	InSight PTZ5425
Pixels	8MP, Full-Color	4MP, Full-Color
Image Sensor	1/1.8"	1/2.7"
Aperture	F1.6 Max	F1.6 Max
Focal Length	4.8 to 153m (32X Optical Zoom)	4.8 to 120mm (25X Optical Zoom)
Zoom Speed	Approx. 5s	Approx. 5s
Min. Illumination	Color 0.005 Lux, 0 Lux with IR/White Light	Color 0.01 Lux, 0 Lux with IR/White Light
Supplement Light Type	IR, White Light	IR, White Light
Supplement Light Range	150m	100m
Red & Blue Lights	●	●
Video Compression	H.265+/H.265/H.264+/H.264	
Pan/tilt Range	Pan: 0° to 360°, Tilt: -20°~90°	
Pan Speed	Configurable from 0°~160°/s, Preset Speed: 240°/s	Configurable from 0°~160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable from 0°~120°/s, Preset Speed: 200°/s	Configurable from 0°~120°/s, Preset Speed: 200°/s
PTZ Control	• Eight-way Direction Key Adjustment • Aperture Size Control • Intelligent Tracking • Pattern Scan: Support pre-configured/recorded PTZ trajectories	
Auto Tracking	●	●
Digital Defog	●	●
WDR	120dB	120dB
SmartVid	●	●
Smart Detection*	●	●
Face Capture	Supports capturing up to 5 faces simultaneously	
Micro-SD Card Slot[†]	Yes, Up to 512 GB	
Audio In/Out	1/1	1/1
Alarm In/Out	2/1	1/1
RS485	1	1
Built-in Mic	N/A	N/A
Built-in Speaker	●	●
Power Supply	• DC/AC • PoE: 802.3at, class 4, Max. 30W	• DC/AC • PoE: 802.3at, class 4, Max. 25W
Protection	IP66, IK10, 6KV	IP66, IK10, 6KV
Operating Temperature	-30~60℃	

*Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.
**All specifications are subject to change without notice.
[†]SD card is not included in the package.

Naming Rules

InSight | **S** | **3** | **4** | **5** | **S** | **-** | **W** | **-** | **(4mm)**

InSight	Series Name; Includes EasyCam and InSight

S	S: InSight Series	C: EasyCam Series

3	2: Dome Camera	5: Pan Tilt Camera
	3: Bullet Camera	6: Fisheye Camera
	4: Turret Camera	

4	2: 2MP	5: 5MP
	3: 3MP	8: 8MP
	4: 4MP	

0	0-9: Small Updates in Appearance or Functions
	5: Metal Shell

S	Letters representing supported special features.
	P: Panoramic
	S: ColorPro Night Vision
	V: Variable Focal Lens
	I: Infrared
	DP: Dual-Lens Panoramic
	Z: Optical Zoom
	Empty: Full Color
	......

W	W: Wi-Fi Camera
	4G: 4G Camera
	Empty: Wired Camera

(4mm)	Focal Length

VIGI Network Video Recorders

NVR

H.265+ · ONVIF® | S · NDAA COMPLIANT ✓

Product Type	Product Model				
16 SATA	**VIGI NVR16128H** 128 Channel, 16 SATA Interfaces				
8 SATA	**VIGI NVR8064H** 64 Channel, 8 SATA Interfaces	**VIGI NVR8096H** 96 Channel, 8 SATA Interfaces			
4 SATA	**VIGI NVR4016H** 16 Channel, 4 SATA Interfaces	**VIGI NVR4032H** 32 Channel, 4 SATA Interfaces	**VIGI NVR4064H** 64 Channel, 4 SATA Interfaces		
2 SATA	**VIGI NVR2008H-8MP-2TB** 8 Channel, 8 PoE+ Ports, 2TB HDD Preinstalled	**VIGI NVR2008H-8MP*** 8 Channel, 2 SATA Inerfaces, 8 PoE+ Ports	**VIGI NVR2016H*** 16 Channel, 2 SATA Interfaces	**VIGI NVR2016H-16MP/16P*** 16 Channel, 2 SATA Interfaces, 16 PoE+ Ports	**VIGI NVR2016H-16MP-4TB** 16 Channel, 16 PoE+ Ports, 4TB HDD Preinstalled
1 SATA	**VIGI NVR1104H-4P** 4 Channel, Built-In Speaker, 4 PoE+ Ports	**VIGI NVR1004H-4P** 4 Channel, 4 PoE+ Ports	**VIGI NVR1004H-4P-2TB** 4 Channel, 4 PoE+ Ports, 2TB HDD Preinstalled	**VIGI NVR1004H** 4 Channel, 1 SATA Interface	**VIGI NVR1008H-8MP/8P*** 8 Channel, 1 SATA Interface, 8 PoE+ Ports
	VIGI NVR1008H* 8 Channel, 1 SATA Interface	**VIGI NVR1108H-W** Wireless Paring, Built-In Speaker 1 SATA Interface, 300Mbps**	**VIGI NVR1016H*** 16 Channel, 1 SATA Interface		

NVR Kit

H.265+ · ONVIF® | S · NDAA COMPLIANT ✓

Product Type	Product Model	
2 SATA	×12 **VIGI NK16MP-T12425-4T** 1*VIGI NVR2016H-16MP + 12*InSight S445(2.8mm) + 1*4TB HDD Preinstalled	
1 SATA	×4 **VIGI NK4P-T4425-2T** 1*VIGI NVR1004H-4P + 4*InSight S445(2.8mm) + 1*2TB HDD Preinstalled	×6 **VIGI NK8MP-T6425-2T** 1*VIGI NVR1008H-8MP + 6*InSight S445(2.8mm) + 1*2TB HDD Preinstalled

*Images may vary between versions and are for reference only; please refer to the actual version for details.

**Actual wireless speed is not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors.

Highlights

One-Click for System Initialization

VIGI NVRs enable quick camera additions, HDD initialization, and storage scheduling with a simple one-click operation. This greatly increases your setup efficiency.

One-Click

Multiple Live Views

Sharp image definition up to 4K and a 4/8/16/32/48/64-channel display ensure you capture every detail, from every angle.

Practical Playback

Replay multiple channels simultaneously and easily find target footage by date, event type, and tag for quick event response.
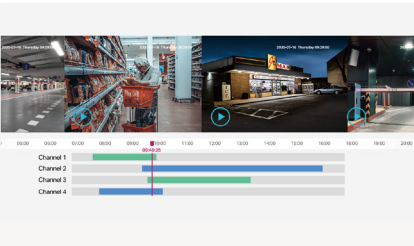
Independent Video Output

Allows users to view multiple feeds simultaneously on separate screens, improving monitoring efficiency.

VGA
HDMI

Long-Distance Mode—Up to 270m‡ PoE Transmission

With Long-Distance mode turned on, PoE transmission can extend up to 270 meters (886 feet), making it perfect for medium-scale IP camera installations.

Enable Long-Distance Mode on the NVR GUI or Web Portal

Up to 270 m
Extended is 10‡ Mbps/port

VIGI PoE NVR
(Long-Distance Mode On)

VIGI PoE Camera

100 m
Default is 100/10 Mbps/port

VIGI PoE NVR
(Long-Distance Mode Off)

VIGI PoE Camera

Dual Ethernet Port Design

Supports multiple network modes to enhance the reliability, performance, and flexibility of the surveillance system.

Multi-Address Mode
Allows your NVR and IPCs to be on two different networks. This way, you won't have all cameras bogging down your main network

Network Fault-Tolerance
The two ethernet ports are in mutual backup, creating a safeguard or redundancy for your data.

Load Balance
Enables both ethernet ports to "share" the load of video data, reducing the "lagging" or "skipping" on video from the cameras.

Dual Ethernet Ports

Smart Fan

- **Noise Reduction:** Runs at full speed upon startup and slows down once fully operational.
- **Energy Saving:** The speed increases when the hard disk or CPU begins to overheat.

Smart Fan

ONVIF* for Third-Party Compatibility

RAID 1/5† Supported

RAID 1

Block 1	Block 1
Block 2	Block 2
Block 3	Block 3
Block 4	Block4
DISK 1	DISK 2

RAID 5

Block 1a	Block 1b	Block 1c	Parity b1
Block 2a	Block 2b	Parity b2B	lock 2c
Block 3a	Parity b3	Block 3b	Block 3c
Parity b4	Block 4a	Block 4b	Block 4c
DISK 1	DISK 2	DISK 3	DISK 4

*All VIGI NVR products are compatible with ONVIF Profile S.
†VIGI NVR4032H and VIGI NVR4016H support RAID1 and RAID5 via software arrays. RAID5 requires at least three disks and can tolerate only one disk failure. If two disks fail simultaneously, data recovery is not possible.

Specifications

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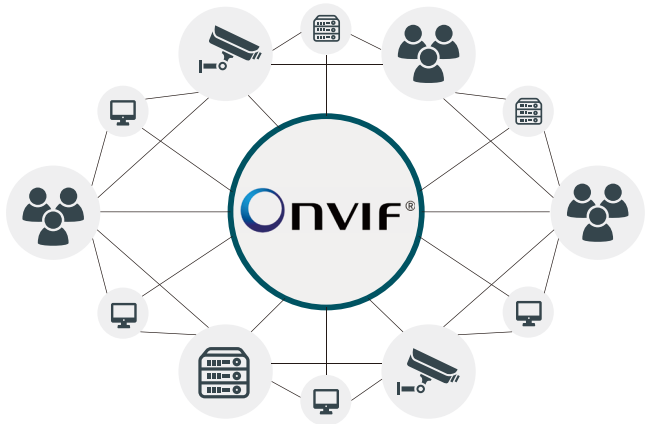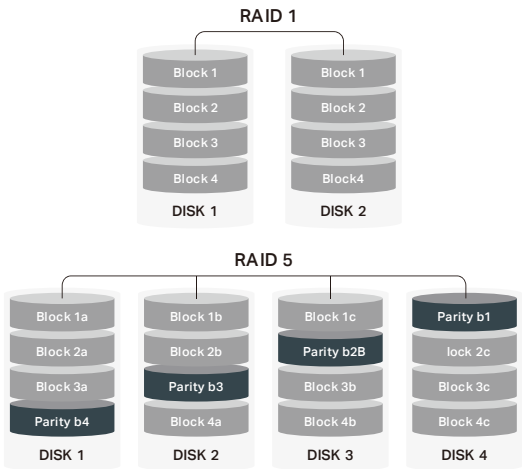| Model	PoE NVR				
Product Image					
Product Model	VIGI NVR2016H -16MP†	VIGI NVR2016H-16MP-4TB	VIGI NVR2016H-16P†	VIGI NVR2008H-8MP-2TB	VIGI NVR2008H-8MP†
Incoming Bandwidth	320 Mbps	80 Mbps	160 Mbps	80 Mbps	320 Mbps
Outgoing Bandwidth	320 Mbps	60 Mbps	160 Mbps	60 Mbps	320 Mbps
Network Video Input	16 channels	16 channels	16 channels	8 channels	8 channels
Network Interface	1*1000Mbps	1*100Mbps	1*1000Mbps	1*100Mbps	1*1000Mbps
PoE Interface	16*10/100 Mbps, PoE Budget 140W, 802.3 af/at	16*10/100 Mbps, PoE Budget 140W, 802.3 af/at	16*10/100 Mbps, PoE Budget 90W, 802.3 af/at	8*10/100 Mbps, PoE Budget 93W, 802.3 af/at	8*10/100 Mbps, PoE Budget 90W, 802.3 af/at
Video Compression	H.265+/H.264+/H.265/H.264				
Smart Analysis	AI Search				
Decoding Capability	4-ch @ 8MP, 8-ch @ 4MP, 16-ch @ 1080P	4-ch @ 4MP, 8-ch @ 2MP	10-ch @ 2MP, 4-ch @ 5MP, 2-ch @ 8MP	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 8MP, 8-ch @ 4MP
Recorded Resolution	Up to 4K (8MP)				
Video Interface	1 HDMI; 1 VGA				
Hard Drive	2 SATA interfaces (Max 16TB for each*)	2 SATA interfaces (Max 16TB for each and 4TB HDD preinstalled)	2 SATA interfaces (Max 16TB for each*)	2 SATA interfaces (Max 16TB for each and 2TB HDD preinstalled)	2 SATA interfaces (Max 16TB for each*)
eSATA*	1				
Power Supply	DC 53.5 V, 3.37 A	DC 53.5 V, 3.37 A	DC 53.5 V, 2.43 A	DC 53.5 V, 2.43 A	DC 53.5 V, 2.43 A

Model	PoE NVR				
Product Image					
Product Model	VIGI NVR1008H-8MP†	VIGI NVR1008H-8P†	VIGI NVR1004H-4P	VIGI NVR1004H-4P-2TB	VIGI NVR1104H-4P
Incoming Bandwidth	80 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps
Outgoing Bandwidth	60 Mbps	60 Mbps	60 Mbps	60 Mbps	60 Mbps
Network Video Input	8 channels	8 channels	4 channels	4 channels	4 channels
Network Interface	1*100Mbps				
PoE Interface	8*10/100 Mbps, PoE Budget 113W, 802.3 af/at	8*10/100 Mbps, PoE Budget 53W, 802.3 af/at	4*10/100 Mbps, PoE Budget 53W, 802.3 af/at	4*10/100 Mbps, PoE Budget 53W, 802.3 af/at	4*10/100 Mbps, PoE Budget 53W, 802.3 af/at
Video Compression	H.265+/H.264+/H.265/H.264				
Smart Analysis	AI Search	AI Search	-	-	-
Decoding Capability	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP	4-ch @ 4MP	4-ch @ 4MP
Recorded Resolution	Up to 4K (8MP)				
Video Interface	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA (Built-in Speaker)
Hard Drive	1 SATA interface (Max 16TB for each*)	1 SATA interface (Max 16TB for each*)	1 SATA interface (Max 10TB for each*)	1 SATA interface (10TB max and 2TB HDD preinstalled)	1 SATA interface (Max 10TB for each*) (HDD Quick Installation)
eSATA*	-				
Power Supply	DC 53.5 V, 2.43 A	DC 53.5 V, 1.31 A	DC 53.5 V, 1.31 A	DC 53.5 V, 1.31 A	DC 53.5 V, 1.31 A

†Features and appearance may vary slightly based on product version.
*A hard disk is not included in the package.
**All specifications are subject to change without notice. The product images are for reference only, please refer to the actual products shipped.

Specifications

H.265+ | ONVIF | S | NDAA COMPLIANT

Model	Non-PoE NVR		
Product Image			
Product Model	VIGI NVR4064H	VIGI NVR4032H	VIGI NVR4016H
Incoming Bandwidth	320Mbps	320 Mbps	320 Mbps
Outgoing Bandwidth	320Mbps	320Mbps	320Mbps
Network Video Input	64 channels	32 channels	16 channels
Network Interface	2*1000Mbps	2*1000Mbps	2*1000Mbps
Video Compression	H.265+/H.264+/H.265/H.264		
Smart Analysis	AI Search		
Decoding Capability	16-ch @ 2MP, 32-ch @ 720P, 64-ch @ D1	4-ch @ 8MP, 8-ch @ 4MP, 16-ch @ 2MP	4-ch @ 8MP, 8-ch @ 4MP, 16-ch @ 2MP
Recorded Resolution	Up to 4K (8MP)		
Video Interface	HDMI1/VGA Simultaneous or Independent Output; HDMI1/HDMI2 Simultaneous or Independent Output	1 HDMI & 1 VGA Independent Output	HDMI1/VGA Simultaneous or Independent Output; HDMI1/HDMI2 Simultaneous or Independent Output
Hard Drive	4 SATA interface (Max 16TB for each*)	4 SATA interface (Max 16TB for each*)	4 SATA interface (Max 16TB for each*)
eSATA*	1	-	1
Power Supply	100 to 240 VAC, 50 to 60 Hz; 1.5A	100 to 240 VAC, 50 to 60 Hz; 1.5 A	100 to 240 VAC, 50 to 60 Hz; 1.5 A

Model	Non-PoE NVR				
Product Image					
Product Model	VIGI NVR2016H[†]	VIGI NVR1016H[†]	VIGI NVR1108H-W	VIGI NVR1008H[†]	VIGI NVR1004H
Incoming Bandwidth	160 Mbps	80 Mbps	80 Mbps	80 Mbps	80 Mbps
Outgoing Bandwidth	160 Mbps	60 Mbps	60 Mbps	60 Mbps	60 Mbps
Network Video Input	16 channels	16 channels	8 channels	8 channels	4 channels
Network Interface	1*1000Mbps	1*100Mbps	2*100Mbps, Wireless Rate up to 300Mbps◇	1*100Mbps	1*100Mbps
Video Compression	H.265+/H.264+/H.265/H.264				
Smart Analysis	AI Search	-	-	AI Search	-
Decoding Capability	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP, 2-ch @ 8MP
Recorded Resolution	Up to 4K (8MP)				
Video Interface	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA	1 HDMI; 1 VGA
Hard Drive	2 SATA interface (Max 16TB for each*)	1 SATA interface (Max 16TB for each*)	1 SATA interface (Max 10TB for each*)	1 SATA interface (Max 16TB for each*)	1 SATA interface (Max 10TB for each*)
eSATA*	1	-	-	-	-
Power Supply	DC 12 V, 3.3 A	DC 12 V, 1.5 A	DC 12 V, 2 A	DC 12 V, 1.5 A	DC 12 V, 1.5 A

*A hard disk is not included in the package.
**All specifications are subject to change without notice. The product images are for reference only, please refer to the actual products shipped.
†Features and appearance may vary slightly based on product version.
◇Actual wireless speed is not guaranteed and will vary as a result of internet service provider factors, network conditions, client limitations, and environmental factors.

Specifications

H.265+ | ONVIF | S | NDAA COMPLIANT

Model/No		NVR Kit*		
	Kit Image	×12	×6	×4
	Kit Model	VIGI NK16MP-T12425-4T	VIGI NK8MP-T6425-2T	VIGI NK4P-T4425-2T
	Kit Contents	1*VIGI NVR2016H-16MP + 12*InSight S445(2.8mm) + 1*4TB HDD Preinstalled	1*VIGI NVR1008H-8MP + 6*InSight S445(2.8mm) + 1*2TB HDD Preinstalled	1*VIGI NVR1004H-4P + 4*InSight S445(2.8mm) + 1*2TB HDD Preinstalled
NVR Spec	Network Video Input	16 Channels	8 Channels	4 Channels
	Incoming Bandwidth	320 Mbps	80 Mbps	80 Mbps
	Outgoing Bandwidth	320Mbps	60Mbps	60Mbps
	PoE Interface	16*10/100 Mbps, Max 140W, 802.3af/at	8*10/100 Mbps, Max 113W, 802.3af/at	4*10/100 Mbps, Max 53W, 802.3af/at
	Network Interface	1*1000 Mbps	1*100 Mbps	1*100Mbps
	Decoding Capability	4-ch @ 8MP, 8-ch @ 4MP, 16-ch @ 1080P	4-ch @ 4MP, 8-ch @ 2MP	4-ch @ 4MP
	Recorded Resolution	Up to 4K (8MP)		
	Hard Drive	2× SATA interfaces (Max 16 TB for each)	1× SATA interface (Max 16 TB)	1× SATA interface (Max 10 TB)
Camera Spec	Case Type	Turret	Turret	Turret
	Pixels	4MP, Full-Color	4MP, Full-Color	4MP, Full-Color
	Focal Length	2.8mm	2.8mm	2.8mm
	Video Compression	H.265+/H.264+/ H.265/H.264		
	Built-In Microphone	●	●	●
	Built-In Speaker	●	●	●
	Built-in microSD Slot*	Yes, Up to 512 GB		
	Power Supply	DC 12V; PoE	DC 12V; PoE	DC 12V; PoE
	People & Vehicle Analytics	●	●	●
	Human & Vehicle Classification	●	●	●
	Smart Detection**	●	●	●
	Protection	IP67, Metal	IP67, Metal	IP67, Metal

†All specifications are subject to change without notice.
*SD card is not included in the package.
**Smart Detection refers to multiple AI detections and may vary based on product models and versions. AI detections include Scene Change Detection, Loitering Detection, Object Abandoned Detection, Object Removal Detection, Intrusion Detection, Line-Crossing Detection, Region Exiting Detection, Region Entering Detection, Abnormal Sound Detection, Vehicle Detection, and Human Detection.

Naming Rules

NVR

| VIGI | NVR | 4 | 0 | 32 | H | - | XX | - | XTB |

VIGI	VIGI: Brand Name
NK	NVR: Network Video Recorder
4	X: HDD Numbers 4: 4 HDD 1: 1 HDD 8: 8 HDD 2: 2 HDD
0	0: Reserved Number 1: Simple HDD Installation

32	XX: Number of Channels (08/16/32/48/64)
H	H: H.265+ Empty: H.264+
W	XX: Special Function P/MP: PoE Supply, P/MP for Different Budget W: Wi-Fi
XTB	Built-in HDD Capability

PoE Kit

| VIGI | NK | 16 | (M)P | - | T | 12 | 4 | 2 | X | - | XT |

VIGI	VIGI: Brand Name
NK	NVR Kit
16	Number of Channels (08/16/32/48/64/128)
(M)P	PoE Supply, P/MP for Different Budget
T	D: Dome Camera T: Turret Camera B: Bullet Camera P: Pan&Tilt Camera
12	Number of Cameras

4	Camera Resolution (2/3/4/5/8)
2	Focal Length 2: 2.8mm 4: 4mm 6: 6mm
X	5: Metal Case DP: Dual-Lens Panoramic P: Panoramic Z: Optical Zoom S: ColorPro Night Vision Empty: Full Color V: Mixed Varifocal I: Infrared
XT	Preinstalled HDD Capability

VIGI Solar Power Systems

Specifications
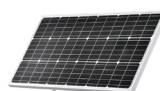
Integrated Solar Power Supply Models

Product Type	VIGI Solar Panel System			
Product Image				
Product Model	VIGI SP18090	VIGI SP9030	VIGI SP6030	VIGI SP6020
Solar Panel Power	180W	90W	60W	60W
Battery Capacity	Three 31.2Ah@10.95V batteries (supports 1/2/3 customizable configurations) with a total capacity of up to 93.6Ah@10.95V	31.2Ah@10.8V Ternary Lithium	31.2Ah@10.8V Ternary Lithium	20.8Ah@10.8V Ternary Lithium
Operating Temperature	Charging: -30°C~45°C(With intelligent auxiliary heat) Discharging: -30°C~60°C(With intelligent auxiliary heat)			
Panel Adjust Angle	5°/15°/25°/35°/45°/55°			
Management	VIGI App, VIGI Cloud VMS			
Software Features	Load Control, Battery Over-temperature Protection, Battery Level Display, Generation Power Display, Load Power Display, Generation Power and Load Power Statistics, Time Zone Selection, Region Selection, Daylight Savings, Firmware Remote Update, Remote Reboot			
Output	Output1&2: 9~12.6V/2A, Output3: 12V/2A			
Network Interface	RJ45 interface × 1, 10/100 Mbps adaptive			
Weatherproofing	IP66	IP66	IP66	IP66

Modular Solar Power Supply Models

Product Type	VIGI Solar System Components*		
Product Image			
Product Model	VIGI PS90	VIGI PS30	VIGI PS20
Intelligent Auxiliary Heat	Yes		
Battery Capacity	Three 31.2 Ah batteries are housed in a waterproof box (supports 1/2/3 customizable configurations), with a total capacity of up to 93.6V.	31.2 Ah, built in MPPT controller	20.8 Ah, built in MPPT controller
Voltage	10.95 V	10.8 V	10.8 V
Max. Output Voltage	12.6 V	12.6 V	12.6 V
Output	Output1&2: 9~12.6V/2A, Output3: 12V/2A		
Life	More than 500 cycles		
Charging Condition	0°C~45°C -30°C~45°C (With intelligent auxiliary heating)		
Discharging Condition	-20°C~60°C -30°C~60°C (With intelligent auxiliary heating)		
Weatherproofing	IP66		

Product Type	VIGI Solar Panel*	
Product Image		
Product Model	VIGI Solar Panel 90W	VIGI Solar Panel 60W
Solar Panel Power	90 W	60 W
Voltage	18 V	18 V
Weatherproofing	IP67	
Dimensions	998×516×30 mm (39.3×20.3×1.2 in)	690×516×30 mm (27.2×20.3×1.2 in)

Product Type	VIGI Solar Mount*
Product Image	
Product Model	VIGI 180W Solar Mount
Materials	SGCC Galvanized Steel

*Different combinations of lithium batteries, solar panels, and solar brackets can create diverse solar power supply systems. For more detailed information, please consult your local sales team.

VIGI Accessories

Specifications

Product Type	Junction Box		
Product Image			
Product Model	VJB-300	VJB-305	VJB-240
Features	• Conceals Cables • Aluminum Build with Waterproof Capabilities • Compatible with Most VIGI Cameras • Easy to Install • Suitable for Indoor or Outdoor Wall/Ceiling Mounting	• Conceals Cables • Aluminum Build with Waterproof Capabilities • Compatible with InSight Series Cameras • Easy to Install • Suitable for Indoor or Outdoor Wall/Ceiling Mounting	• Conceals Cables • Aluminum Build • Compatible with VIGI Dome/Turret/Fisheye Cameras • Easy to Install • Suitable for Indoor and Outdoor Wall Mounting

Product Type	Mounting Bracket	
Product Image		
Product Model	VMB-350	VMB-240
Features	• Compatible with VIGI Bullet/PT Cameras • Easy to Install • Suitable for Indoor and Outdoor Pole Mounting	• Compatible with VIGI Dome/Turret/Fisheye Cameras • Suitable for Indoor Pendant Mounting • Practical Design for Hiding Cables • Adjustable Length

Scan for compatible
camera models

VIGI Technology

VIGI ColorPro 2.0 Night Vision Technology

See Vivid Colors, Even in Darkness

Traditional hardware upgrades for enhancing night vision have reached their limits, still resulting in issues like low brightness and color distortion. To address these challenges, VIGI employs AI ISP-powered technology to enhance image quality, enabling the camera to capture vivid, bright images with clear details of moving objects even in extremely dark environments.

Naked Eyesight

IR Night Vision

VIGI ColorPro 2.0 Night Vision

VS

Full-Color Night Vision

ColorPro 1.0 Night Vision

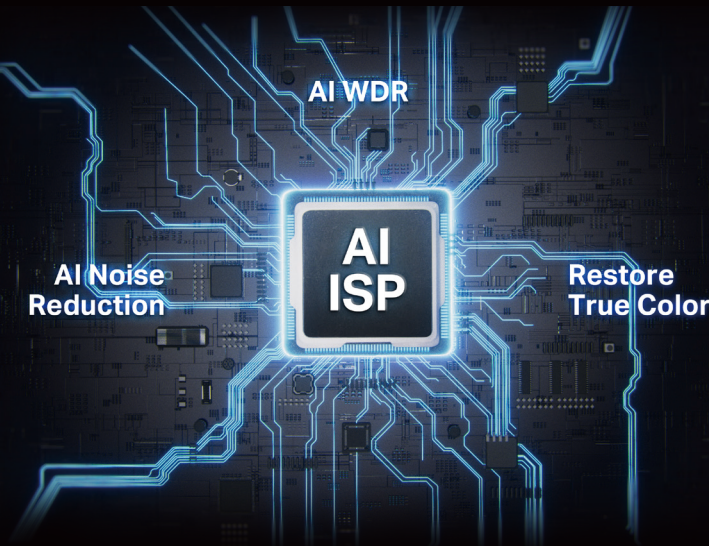## Unprecedented Image Improvement Through AI-Powered ISP

AI WDR
- Ensures that bright areas are not overexposed while dark areas are brightened.
- Enables the camera to automatically turn on or off WDR based on ambient brightness.
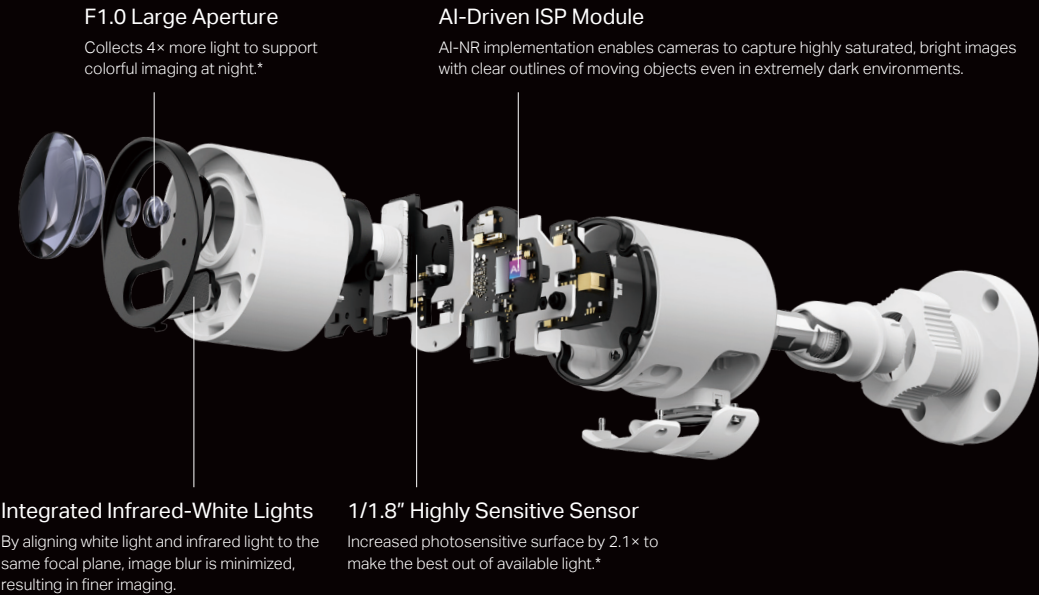
AI Noise Reduction
- Improves static brightness, clarity, and saturation.

Restore True Color
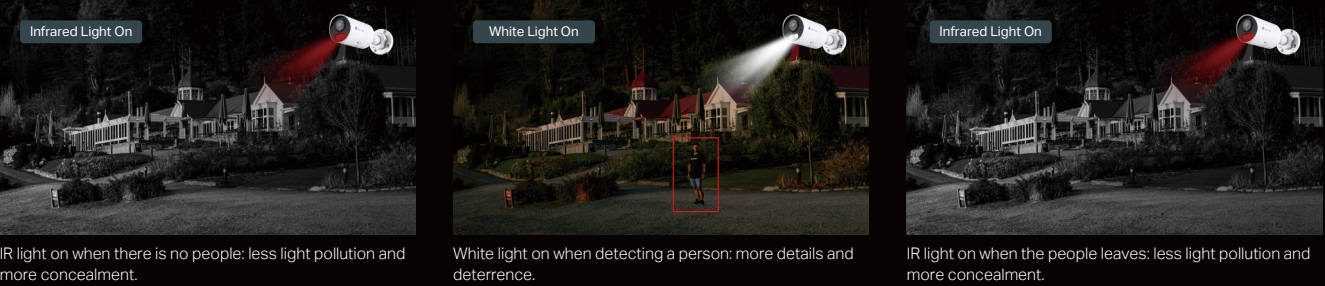- Enhances saturation and improve color accuracy.

AI WDR

AI Noise Reduction

AI ISP

Restore True Color

Four Technology Breakthroughs

F1.0 Large Aperture
Collects 4× more light to support colorful imaging at night.*

AI-Driven ISP Module
AI-NR implementation enables cameras to capture highly saturated, bright images with clear outlines of moving objects even in extremely dark environments.

Integrated Infrared-White Lights
By aligning white light and infrared light to the same focal plane, image blur is minimized, resulting in finer imaging.

1/1.8" Highly Sensitive Sensor
Increased photosensitive surface by 2.1× to make the best out of available light.*

Energy-Saving with Less Light Pollution

VIGI's ColorPro 2.0 camera features integrated infrared-white lights and can intelligently switch between IR and color night vision by detecting people or vehicles.

Infrared Light On

White Light On

Infrared Light On

IR light on when there is no people: less light pollution and more concealment.

White light on when detecting a person: more details and deterrence.

IR light on when the people leaves: less light pollution and more concealment.

Typical Applications

VIGI ColorPro 2.0 Night Vision is ideal for scenes with extremely low illumination at night, such as farms, orchards, parks, and more. It can help capture high-definition details so that you can respond to events in a timely manner.

Farms & Orchards

Parks

Streets

Applicable Models

InSight S385DPS
VIGI 8MP Outdoor ColorPro Panoramic Bullet Network Camera

InSight S345S
VIGI 4MP Outdoor ColorPro Bullet Network Camera

InSight S445S
VIGI 4MP ColorPro Turret Network Camera

*This value is compared with the traditional F2.0 aperture, 1/3" target surface sensor.

VIGI LightPro Night Vision Technology

IR Light

White LED

Pain Points of Traditional Night Vision

Traditionally, cameras operate in either IR or Full-Color Night Vision. IR Night Vision produces black-and-white images with less detail, while Full-Color Night Vision consumes more power and increases light pollution due to the constant bright illumination.

Detail loss
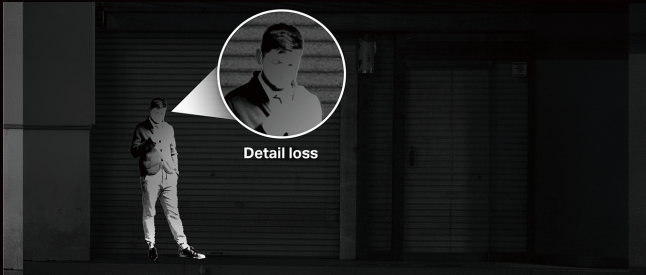
Only IR Night Vision

Only Full-Color Night Vision

What VIGI LightPro Night Vision Offers

VIGI cameras intelligently switches between IR and Full-Color night vision by detecting people or vehicles.

More Details   Less Light Pollution   More Deterrence   More Concealment

Infrared Light On

White Light On

Infrared Light On

When there is no vehicle or person, the camera will use IR night vision for lower power use and better concealment.

Camera switches to Full-Color night vision on detecting people or vehicles, providing clear videos and deterrence.

When the people or vehicle leaves, the camera will switch back to IR night vision for black-and-white images.

Typical Applications

Residential
Less Light Pollution | More Concealment

Retail
Less Energy Consumption | More Details

Warehouses
More Deterrence | More Details

Parks
Less Light Pollution | Effective Warning

Scan to view
applicable models

VIGI
by tp-link

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