

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

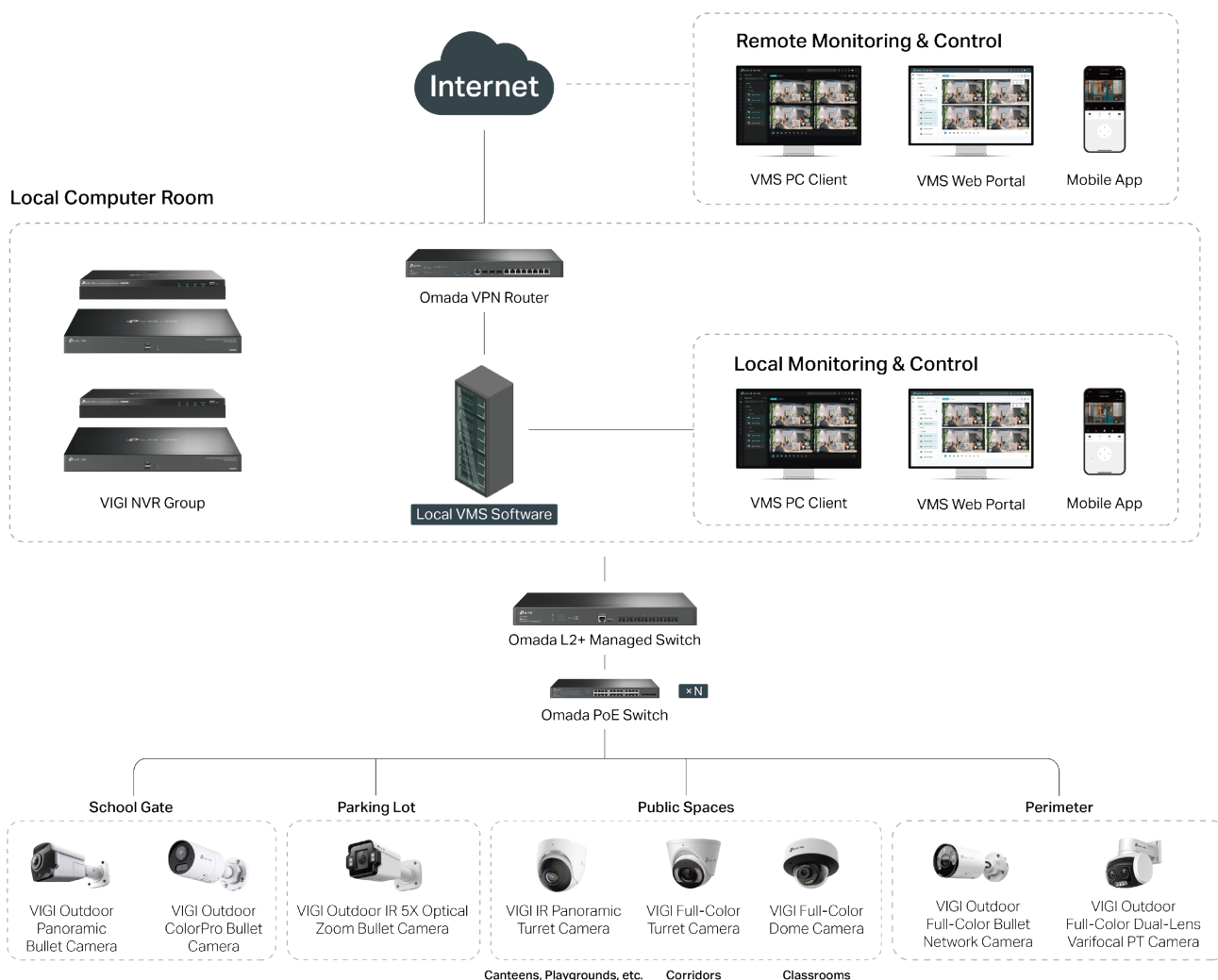


Student Concerns for Campus Safety



Frequent Events at the Perimeter

Full Products for Schools



Solution Highlights

School Gates

Scenario Requirements

- Ultra low-light monitoring

What We Offer

VIGI AI ISP-Powered ColorPro 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 Image

Parking Lot

Scenario Requirements

- Monitoring without blind spots
- Ultra HD Videos

What We Offer

360° Monitoring, Customized Patrol

- The VIGI dual-lens varifocal PT camera** uses pan, tilt, and zoom to cover an entire parking lot, capturing both near and distant details.
- Customized Patrol supports up to 300 presets and 8 patrol routes, reducing the need for manual patrols.



4K Imaging

4K Ultra HD offers vivid and clear details of parking lots, enabling quick detection and response to any abnormalities.



4K Ultra HD Resolution (3840 x 2160P)



HD Resolution (1980 x 1080P)

*This feature will be available in Q4 2024.

**The supported model is VIGI C540V.

Public Spaces

Scenario Requirements

- Full coverage
- Respond to the events quickly
- Reduces installation costs

What We Offer

Specially Designed for Canteens, Playgrounds, and Other Spacious Areas

180° Panoramic*

Provides a 180° wide view for large campus areas with clear details, effectively minimizing blind spots.



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.



Specially Designed for Classrooms

Abnormal Sound Detection

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



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

*These features will be available in Q4 2024.

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

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



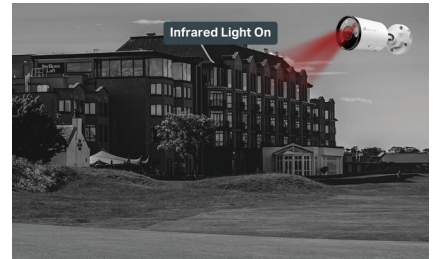
More Concealment



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



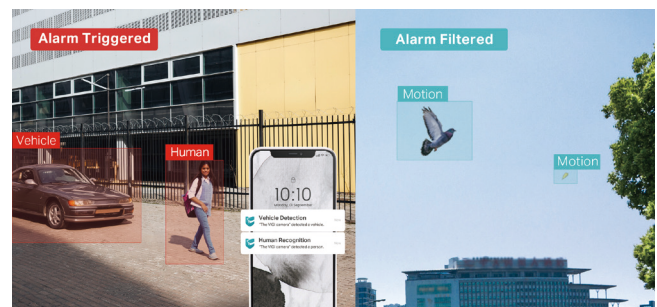
When the camera detects a person or vehicle, Full-Color night vision is automatically switched, providing clear, full-color videos and acting as a deterrent.



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

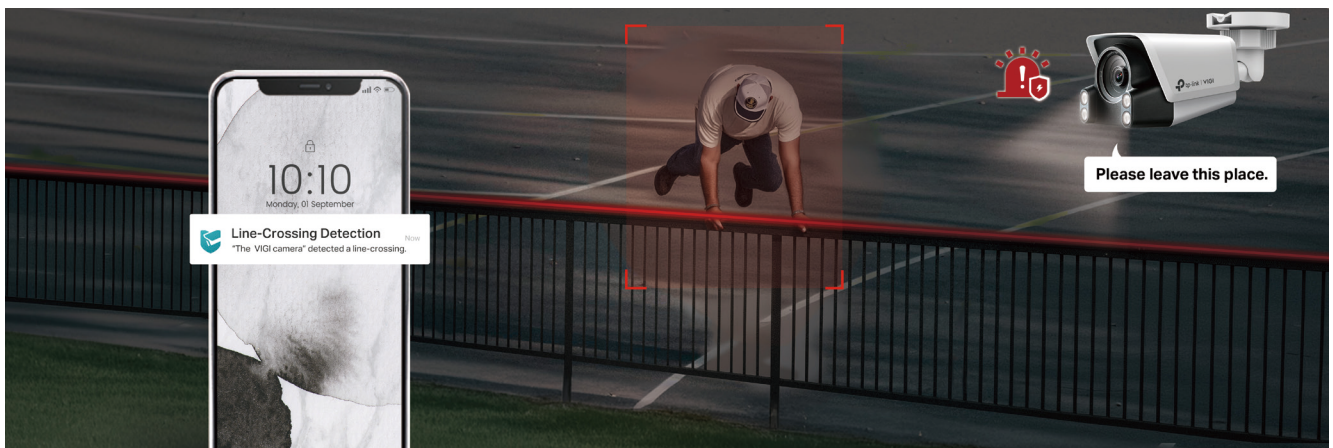
Human & Vehicle Classification

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

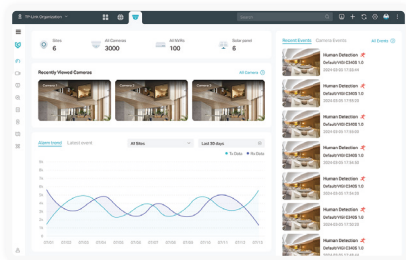
What We Offer

Prompt Reactions to Events

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

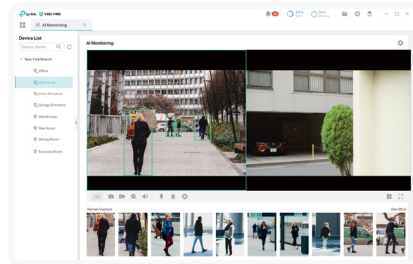
Dashboard

Keep an eye on global alarms and device status for prompt response to abnormalities and alerts.



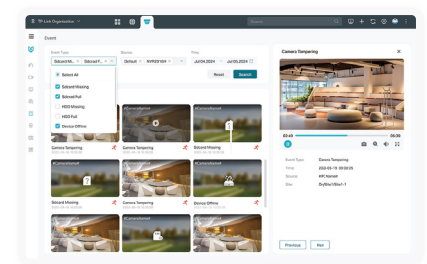
AI Monitoring

Captures moving humans in real time without missing anomalies. Smart framing also enhances visibility of moving objects.



Event Management

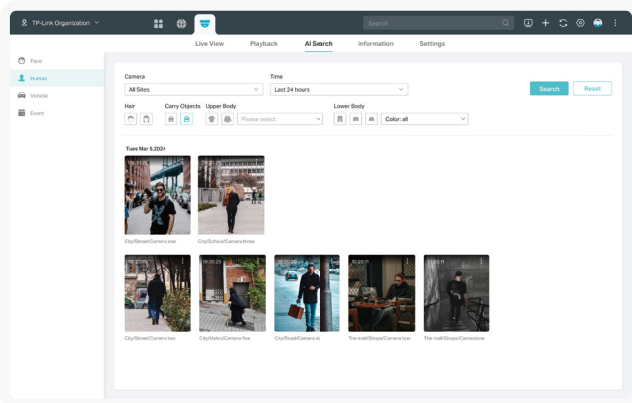
Centrally view alarm events, access event details, and filter events by device, time, and event type for efficient tracking.



VCA-Based Smart Search*

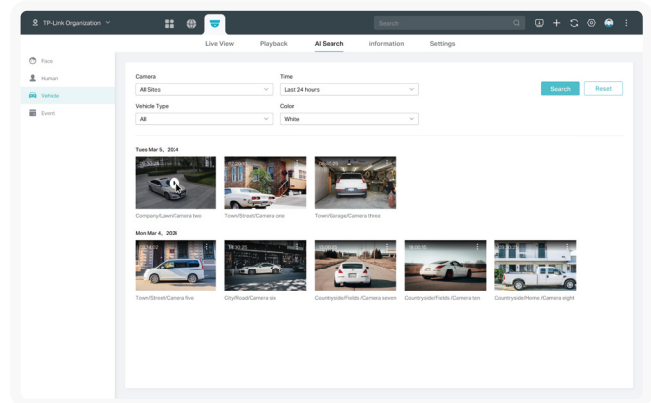
By Human Attribute

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



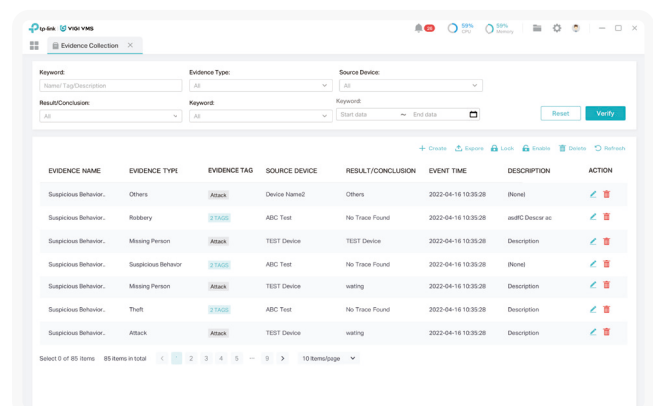
By Vehicle Attributes

Identify and search for targeted vehicles based on vehicle color and type for targeting meaningful events in a short time.



Evidence Collection

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



*This feature will be available in Q4 2024.

Other Value-Added Highlights

Lightweight Designer Tool* For Quick Deployment

Enables users to quickly select products and generate detailed project proposals for installation guidance.

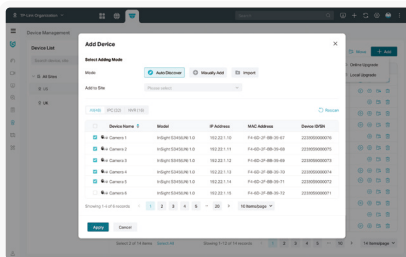


Floor Plan | Equipment List | Camera Coverage

Easy Setup

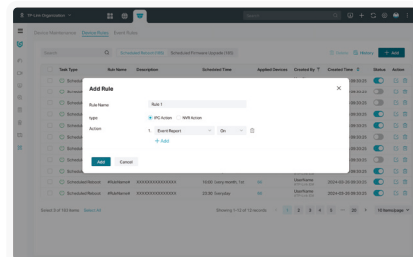
Add Devices in Batches

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.



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



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.

Typical Cases

Name: KiddiWinkie School

Industry: Education

Location: Singapore

Used Products:

VIGI C340 × 150, VIGI C440 × 400, VIGI C540-W × 30,
VIGI NVR4032H × 20



Click the link to view more info: <https://bit.ly/47pecd7>

Name: Digital Laboratories

Industry: Education

Location: Republic of Moldova

Used Products:

VIGI C440 (4mm) × 87, VIGI NVR1004H-4P × 87



Click the link to view more info: <https://bit.ly/47r0W7Z>

*The VIGI Designer Tool is available in VIGI VMS or 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

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 S385

VIGI 8MP Outdoor Full-Color
Bullet Network Camera

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



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

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 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 VMS

VIGI Video
Management System

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

Click the link to learn more about VIGI products: <https://www.vigi.com/all-vigi-surveillance/>

Click the link to view related cases: <https://www.vigi.com/case-study/>

[△]This feature is in development.

*HDD is not included.

**All specifications are subject to change without notice.

*All models will support ONVIF Profile S/T/G in due course. And all models are scheduled for shipment in Q3-Q4 2024. Please refer to the official website for details.

Recommended Products[△]

Cost-Effective Solution

H.265+

ONVIF®

S T G

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

- 4MP Resolution & IR Night Vision
- 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

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 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
- Remote Management with TP-Link ID
- Unlimited and License Free

Click the link to learn more about VIGI products: <https://www.vigi.com/all-vigi-surveillance/>
Click the link to view related cases: <https://www.vigi.com/case-study/>

[△]This feature is in development.

*HDD is not included.

**All specifications are subject to change without notice.

*All models will support ONVIF Profile S/T/G in due course. And all models are scheduled for shipment in Q3-Q4 2024. Please refer to the official website for details.

TP-Link Systems Inc.

Homepage: www.vigi.com

TP-Link and VIGI are trademarks of TP-Link Systems Inc. or its affiliates. ©2024 TP-Link Systems Inc. All rights reserved.