



# Overview

VIGI advanced people counting technology uses head-shoulder detection to accurately track entries, exits, and passersby. It provides real-time flow reports to support better decision-making. Ideal for entrances and exits in small retail stores, cafés, and more.

## Key Benefits

### Expand Your Sites and Devices without Limits

Grow without constraints - effortlessly expand your sites and devices alongside your business.



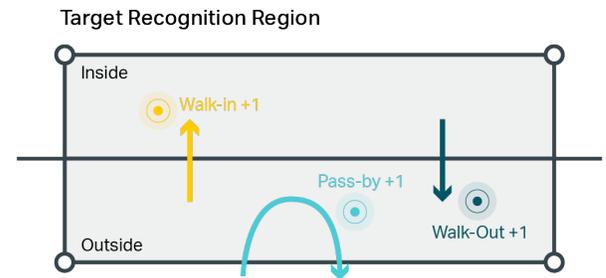
## Up to 95%\* Accuracy for Superior Decision-Making

### Millions of Samples. Maximum Accuracy

Trained on millions of real-world data samples, our solution delivers highly accurate people counting - even in complex environments.

### Intelligent Counting Rules

Customize up to three detection areas, each with a directional line for two-way and pass-by people counting at multiple entry and exit points.



## Adaptability to Complex Scenarios



Simultaneous Multi-Person Entry



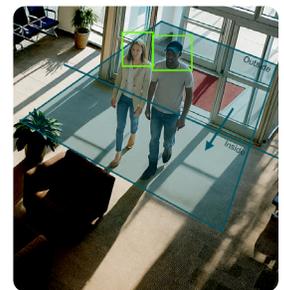
Crowd Surge at Entry Points



Headware and Partial Occlusion



Trolley and Baggage Interference



Shadow and Lighting Disturbance

\*The stated accuracy is based on lab testing. Actual results may vary depending on camera angle, mounting height, and environmental conditions. Please follow the installation guide to ensure optimal performance.

## No Specialized Cameras Required - Save Big

No need for expensive, specialized cameras - VIGI People Counting works seamlessly with regular VIGI models or your existing devices.



People Counting Available with Regular VIGI Cameras  
**\*No Extra Cost**

Others

VS



People Counting Available Only with High Cost Cameras  
**\*Extra Hardware Required**

### Retail Store



Data Upload Cloud Data Analysis



## Automatic Cross-Camera Data Aggregation for Easier Management

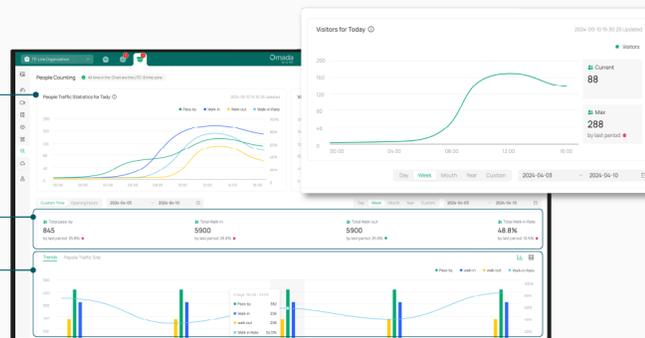
Automatically aggregate flow data from multiple cameras at one site, eliminating manual integration and saving management time.

## Comprehensive & Intuitive Reporting for Actionable Business Insights

**Real-Time People Traffic**  
Walk-in, walk-out, pass-by and walk-in rate

**People Traffic Summary by Custom Time Period**

**Visualized Traffic Trends by Time Period or Site**



**Visitors for Today**  
Current visitor count and max count

## Real-Time Date Updates for Faster Action

- Local IPCs perform real-time head-shoulder detection, while cloud servers analyze and aggregate the data.
- People traffic statistics for today updates every minute, and visitors for today refresh every 15 minutes - helping you quickly spot trends and optimize operations.

## Privacy by Design

- Detects only head-and-shoulder features - no facial recognition involved.

## Up to 5 Years Data Retention

- Access up to 5 years of historical flow data for trend analysis and strategic planning.

# Perfect for Entrances and Exits of Small-Sized Chain Retail Stores and Cafés

Scale Without Limits

Aggregated Multi - Camera Statistics

Streamline Operations

Measure Marketing Impact

Smarter Staff Scheduling

Drive More Sales



## Retail Stores

- Identify peak hours to optimize staff schedules.
- Evaluate promotion effectiveness through real-time footfall changes.
- Compare traffic across stores for smarter resource planning.
- Accurate store traffic forecasting via historical traffic trends.

## Cafés

- Smarter kitchen and staff prep based on peak hours.
- Evaluate storefront appeal and assess marketing effectiveness by comparing foot traffic and walk-in rate pre- and post-campaign.

## Supported Models\*

### Network Cameras

Type	Product Name	Product Model
Bullet	VIGI 8MP Outdoor IR Panoramic Camera	InSight S385PI 1.0**
	VIGI 4MP Outdoor IR Motorized Varifocal Camera	InSight S345ZI 1.0**
Turret	VIGI 8MP Full-Color Camera	InSight S485 1.0**
	VIGI 8MP IR Panoramic Camera	InSight S485PI 1.0**
	VIGI 4MP IR Motorized Varifocal Camera	InSight S445ZI**
Dome	VIGI 8MP Full-Color Camera	InSight S285**
	VIGI 4MP Full-Color Camera	InSight S245**
	VIGI 4MP IR Motorized Varifocal Camera	InSight S245ZI 1.0**

### Network Video Recorders

Type	Product Name	Product Model
32-Channel	VIGI 32-Channel Network Video Recorder with 4 SATA Interfaces	VIGI NVR4032H 1.0**
	VIGI 16-Channel PoE+ Network Video Recorder with 2 SATA Interfaces	VIGI NVR2016H-16MP 2.0 VIGI NVR2016H-16MP 1.0**
16-Channel	VIGI 16-Channel PoE+ Network Video Recorder with 2 SATA Interfaces	VIGI NVR2016H-16P 2.0 VIGI NVR2016H-16P 1.0**
	VIGI 16-Channel Network Video Recorder with 4 SATA Interfaces	VIGI NVR4016H 1.0**
	VIGI 16-Channel Network Video Recorder with 2 SATA Interfaces	VIGI NVR2016H 2.0 VIGI NVR2016H 1.20**
	VIGI 16-Channel Network Video Recorder with 1 SATA Interface	VIGI NVR1016H 1.20**
8-Channel	VIGI 8-Channel PoE+ Network Video Recorder with 2 SATA Interfaces	VIGI NVR2008H-8MP 2.0 VIGI NVR2008H-8MP 1.0**
	VIGI 8-Channel PoE+ Network Video Recorder with 1 SATA Interface	VIGI NVR1008H-8MP 1.20**
	VIGI 8-Channel PoE+ Network Video Recorder with 1 SATA Interface	VIGI NVR1008H-8P 1.20**
	VIGI 8-Channel Network Video Recorder with 1 SATA Interface	VIGI NVR1008H 2.20**

## Software



### VIGI Local VMS

People Counting is currently free, but future charges are not guaranteed.



### VIGI Cloud VMS Standard

Whitelist access only. Not available for online purchase. Pricing upon request.

**VIGI**  
by tp-link

\*Supported models are updated periodically. For the latest compatibility information, please refer to the compatibility list.

\*\*People Counting will be gradually supported on these models between Q3 and Q4 2025

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