

PEOPLE COUNTING SOLUTIONS

ACTi uses video analytics to optimize business intelligence and operation management through real-time event handling and comprehensive reports

- ▶ Line Counting
- ▶ Area Counting
- ▶ Crowd Detection
- ▶ Queue Detection



POPULAR APPLICATIONS

ACTi provides a wide range of people counting solutions for different applications of security and business management.

▶ Line Counting at the Entrance



Retail

Gain information about foot traffic in the store that can be used for conversion rate and occupancy calculation.



Mobile Vehicle

Gain passenger traffic data when bus rides are not registered by on-board ticketing system.

▶ Counting within an Area



Retail

Learn how many people enter a product display area to evaluate product placement and promotion events.



Business Expo

Analyze the ROI of expo booth based on the traffic in the booth.

▶ Crowd Detection within an Area



City Surveillance

Detect unexpected gatherings that may potentially lead to illegal activities.



Train Station

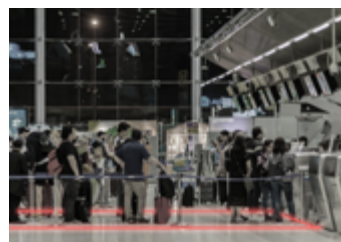
Prevent or control the crowd to avoid accidents.

▶ Queue Detection at the Counter



Retail

Optimize resources allocation and enhance customer service quality based on queue monitoring.



Airport

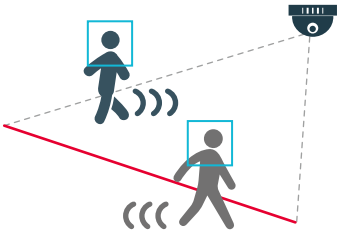
Monitor the waiting line and make real-time queue alerts.

HOW DOES ACTi PEOPLE COUNTING WORK ?

There are two ways to install the camera for people counting application – lens facing down or 45 degrees tilted. When installed face down, the camera detects people by recognizing heads, whereas when installed tilted, the camera detects people by recognizing heads and shoulders at the same time. ACTi has 2D and 3D counting technologies. The 3D counting can bring even higher accuracy, especially for high-traffic areas.

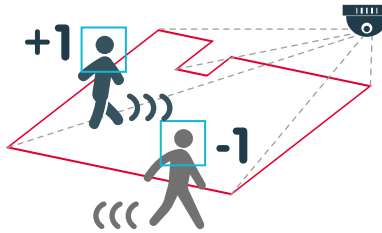
Line Counting

Count the people crossing the virtual line in both directions.

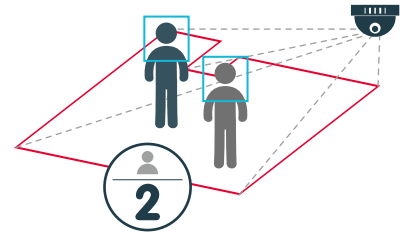


Area Counting

1. Count the people entering and leaving the predefined area.



2. Count the people within the predefined area.



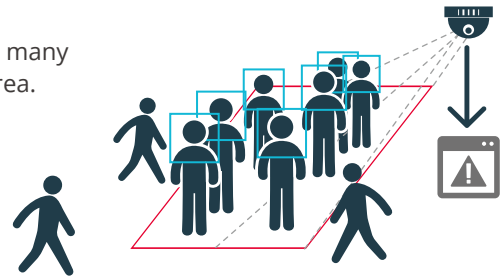
Queue Detection

Detect and alert when the queue is too long or too short.



Crowd Detection

Detect and alert when too many people gather in one area.



People Counting Camera Selector

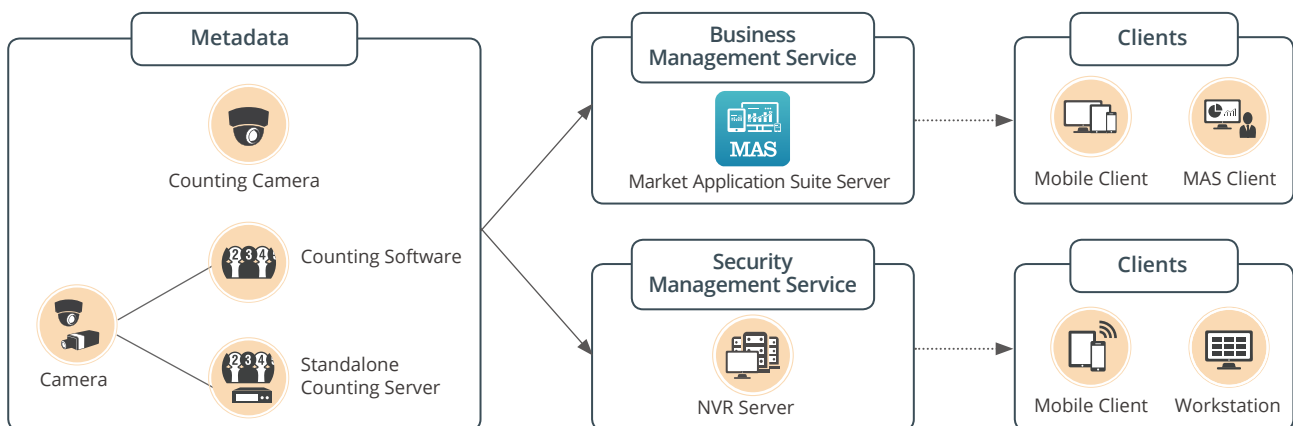
Find the most suitable counting camera for specific installation environment!

www.acti.com/peoplecountingselector



ACTi PEOPLE COUNTING SOLUTION ARCHITECTURE

ACTi people counting technology is available on three platforms – counting cameras, counting software and standalone counting servers. The counting data can be used as one of the sources of customized solutions for business intelligence, operation management and security management in the form of alerts, insights and analysis reports.



Learn more about the business management services! www.acti.com/mas

WHY ACTi

End-to-end Solution Provider

Incorporate in-house developed cameras, video analytics and application software for a complete and reliable solution.

Tailored Solution for Each Project

Offer scalable and customized solution with feasibility evaluation for special project requirements.

Integration with Existing Systems

Employ various types of metadata and integrate your current systems, such as POS, for wide range of applications.

Flexible Installation Types

Meet the needs of different environments with standalone, software-based, cloud-based and also hybrid solutions.

*Learn more about
people counting solutions*



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