

## AI-supported Camera Systems



### Integrated Security Features & Business Analytics

Panasonic is a leading manufacturer, supplier and developer of AV technology and camera applications – since 1918!

Our spin-off i-PRO offers a broad range of professional cameras for warehouses and retail stores. We offer advanced technologies such as analysis technology and secure technology using deep learning, looking forward to the ease of artificial intelligence (AI) and IoT.

For example: With the combination of i-PRO camera and deep learning technology, you can quickly search for images from attribute information of people and vehicles. It supports the number of attributes of people and vehicles in the top class of the surveillance industry. Edge analytics eliminates the need for expensive analysis servers and provides low cost.

**In addition to the aspect of security, the intelligent video systems primarily offer analysis functions such as person recognition or counting.**

### Automatically detecting vehicle & people



#### Vehicles

Reliable identification of more than 7 vehicle types and 10 different vehicle colours.



#### People

More than 14 attributes can be automatically detected, incl e.g. in a theft scenario the bag color. AI apps attributes detection does not get distracted by masks, beards, hats or sunglasses.



#### Sound Effects

Requires external microphones: Detecting and classifying suspicious sound from Yell to Breaking Glass.

## Edge Analytics



## Providing cutting edge intelligentSearch Application:

1. **Easy and quick search** for images based on the external characteristics (attribute information) of people and vehicles.
2. **Top class number of attributions to detect** in the surveillance industry to detect people and vehicle
3. **Free from expensive analysis servers** as detection and attribute analysis is running on i-PRO AI network cameras and video management operation is available by VMS.

## Specific Applications for Retailers, Warehouse Operators & 3PLs. For example:

- Centrally manage a video surveillance systems across various locations
- Ensure reliable and clear footage on a 24/7 basis
- Automatically link camera images to the WMS
- Reduce Shoplifting of customers and employees

More information on customers' case studies:  
<https://i-pro.com/eu/en/surveillance/case-studies>

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a consultation or a customized offer.

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