i·PRO
The Power of Truth

GO BEYOND TRADITIONAL ANALYTICS WITH INTELLIGENT SOLUTIONS FROM i-PRO

In today's environment, more users are looking to actively manage large surveillance systems. As these systems become more complex, i-PRO's intelligent analytics can help users by reducing the learning curve and system resources required to operate them. From improving the accuracy of alarms and notifications to reducing the overall system bandwidth and storage requirements, i-PRO Intelligent analytics has you covered.

- Change your surveillance system from reactive to proactive and anticipate situations before they occur

- i-PRO surveillance users can gain added sight awareness with intelligent analytics via scene analysis

- Optimized feature solutions for schools, municipalities, and commercial facilities

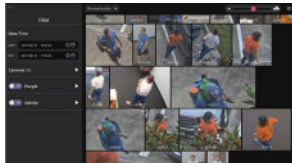- i-PRO analytics may be deployed either at the edge or server level providing a flexible deployment
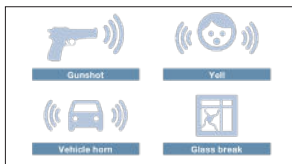
ANALYTICS AT THE EDGE

AI-VMD

AI-VMD
AI-VMD can identify between objects. The cameras actively read the scene and uniquely differentiate between cars, motorcycles, bicycles, and people. Additionally, AI-VMD offers users intelligent functionality such as line-cross detection, scene-change detection, loitering detection and directional detection.

AI People/Vehicle/Face Detection

AI People/Vehicle/Face Detection
These analytics allow you to detect people, vehicles and faces, and it sends the metadata and best images to the server. They are compatible with i-PRO's multi-AI system, a search function that quickly finds people or vehicles through the video management software, Video Insight and Genetec.

AI Sound Classification

AI Sound Classification
AI sound classification allows you to detect suspicious sounds, such as gunshots, screaming, vehicle horns or glass breaking.
*External microphone is required
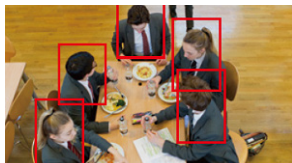

AI Privacy Guard

AI Privacy Guard
When deployed on i-PRO AI engine cameras, AI privacy guard protects the privacy of individuals within the scene by applying a mosaic over their face in real time.

Non-Mask Detection

Non-Mask Detection
Proprietary image processing and deep-learning technologies combine to create a unique application that allows any AI-engine-enabled i-PRO camera to recognize face masks and detect when a person is not wearing one via a pop-up alarm notification.

AI Occupancy Detection

AI Occupancy Detection
When deployed on an i-PRO AI engine camera, AI occupancy detection will be able to detect the crowd congestion and send the pop-up alarm notification.

SERVER-BASED ANALYTICS

FacePRO Facial Recognition
This solution automatically matches a person's face, using live or recorded video from Panasonic i-PRO cameras, to a database of enrolled faces, notifying in real time when a face matches. It also allows face-based searching through recorded video.

FacePRO Facial Recognition

Video Insight Thermal Plug-in for Elevated Body Temperature
Using the combined functionalities of MOBOTIX thermal cameras and the Video Insight VMS, an alarm is triggered when the user-defined, pre-set temperature threshold is exceeded.

VI Thermal Plug-in

Gunshot Detection by Databuoy (ShotPoint)
This third-party integration uses acoustic sensors to monitor the environment. ShotPoint can precisely locate the event on a map and instantly communicate the information to the user via real-time notifications.

Gunshot Detection

Visual Weapon Detection by ZeroEyes
This third-party integration utilizes AI technology to monitor video images for weapons. In the case of an alert, ZeroEyes will confirm your alarm and launch a live alarm window notification to VI MonitorPlus client.

Visual Weapon Detection

i-PRO's Vehicle Search Solution
The vehicle search server software identifies six vehicle types (sedan, van, SUV, trailer-truck, bus, and pick-up) and 10 vehicle colors (green, blue, brown, purple, yellow, red, pink, black, silver/gray, and white), allowing a user to quickly search through hours of recorded video to pinpoint a vehicle in question and create a report of where it was last seen and the direction it was heading.

Vehicle Search

HALO | Vape Detection
The Halo smart sensor integrates with VI MonitorPlus to receive instant notifications when hazardous chemicals are detected, such as smoke, vape cigarettes (including products containing THC). This smart sensor can also detect gunshots, AQI conditions and spoken keyword triggers .

Vape Detection

VI License Plate Recognition
The Video Insight license plate recognition plug-in allows you to automate any live license plate reading to rules or actions in VI (to enforce parking restrictions and more).

License Plate Recognition

Video Insight Video Redaction
When a request for a video of an incident is received, the protection and privacy of individuals who appear in the background, or individuals not involved in the incident, is vital. The use of the VI redaction plug-in, a powerful AI engine, enables users to selectively obscure key faces appearing in the recorded video.

VI Video Redaction

Optex Red Scan Sensor - Area
Red Scan series sensors can be added to Video Insight VMS the same way as a camera. These unique sensors utilize laser technology to check for motion in sensitive unreachable areas. Once triggered, this integration provides an alert notification with live windows, email notification, PTZ camera action, or any event designated in VI's rules manager by a user.

Optex Red Scan Sensor

Video Insight Health MonitorPlus
VI Health MonitorPLUS provides a complete and easy-to-use interface featuring real-time monitoring of resources that alert administrators about any issues that might affect the services and keep track of any camera failures and video recording interruptions.

Health MonitorPlus

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EASTERN DATACOMM
SAFETY AND COMMUNICATION SOLUTIONS

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