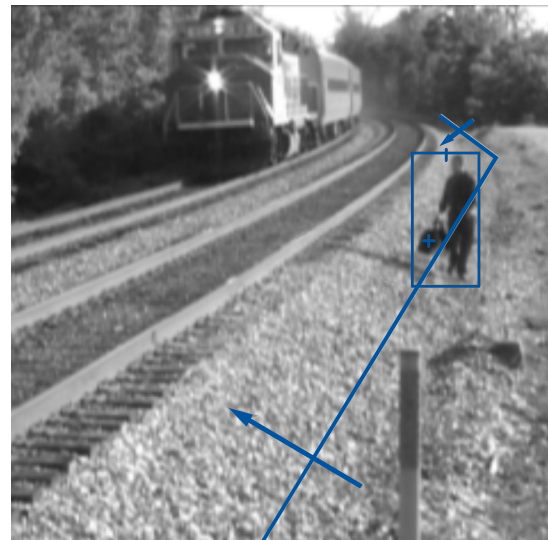


# ObjectVideo® Analytics for Cameras with Sarix™ Technology

## BEHAVIORS FOR EXTENDED PLATFORM HD NETWORK CAMERAS

### Product Features

- OV Security Suite
  - Tripwire Detection
  - Inside Area Detection
  - Camera Tamper Detection
- OV Security Suite Plus
  - OV Security Suite Behaviors
  - Multi-Line Tripwire Detection
  - Loitering Detection
  - Leave Behind Detection
- OV Event Counting Suite
  - Tripwire Counting
  - Enters/Exits Counting
  - Loiter Counting
  - Occupancy Sensing
  - Dwell-Time Monitoring
- OV Ready with any System Supporting the OV Ready™ API



ANALYTICS OVERLAY: MULTI-LINE TRIPWIRE DETECTION

**ObjectVideo® (OV)** intelligent video technology embedded in Pelco’s EP (extended platform) network cameras with Sarix™ technology is an ideal IP video platform for a wide range of surveillance applications. The analytics are preloaded on Pelco’s IXE20 Series cameras, enabling rule configuration and alarm notification using **OV Ready™** systems.

**ObjectVideo** software has been designed with a strong focus on usability, making the behaviors easy to use with Pelco’s EP network cameras with Sarix technology.

### OV Security Suite

The **OV Security Suite** is easy to use and includes Tripwire Detection, Inside Area Detection, and Camera Tamper Detection behaviors.

- Tripwire Detection identifies objects that cross a user-defined line drawn within the camera’s field of view.
- Inside Area Detection identifies objects entering, appearing, or moving within a user-defined area.
- Camera Tamper Detection identifies significant contrast changes in the camera’s field of view; for example, if the lens is covered with spray paint, a cloth, or a lens cap.

### OV Security Suite Plus

The **OV Security Suite Plus** includes the behaviors of the OV Security Suite, plus Multi-Line Tripwire Detection, Loitering Detection, and Leave Behind Detection behaviors.

- Multi-Line Tripwire Detection tracks objects that cross two defined lines. Defined parameters for this behavior include direction, sequential order, and time between crossing each tripwire.
- Loitering Detection analyzes how frequently people remain for a specified period of time within a defined area. This behavior is effective for real-time notification of suspicious behavior around ATMs, stairwells, and school grounds.
- Leave Behind Detection detects objects placed in a defined zone and triggers an alarm if the object remains in the specified zone too long.

### OV Event Counting Suite

The OV Event Counting Suite uses advanced object calibration and additional features for schedules, parameters, and multiple rules. The suite includes behaviors for Tripwire Counting, Enters/Exits Counting, Loiter Counting, Occupancy Sensing, and Dwell-Time Monitoring.

- Tripwire Counting counts people or objects that cross a user-defined line.
- Enters/Exits Counting calculates the number of people that enter and exit an area without using a tripwire.
- Loiter Counting is useful in analyzing why people stop in front of a product, display, or other area of interest. This feature is also useful in assessing promotion effectiveness and product interest.
- Occupancy Sensing counts people and generates a new value every time the occupancy level changes. Since each occupancy output is time-stamped, the data can be used to determine average occupancy levels or to correlate data to point-of-sale or other business scenarios.
- Dwell-Time Monitoring rules can be set up to output the length of time an object enters and exits an area. Along with queue size information, wait times can also be assessed. This behavior can be used to evaluate consumer interaction for a point-of-sale display or digital advertisement.



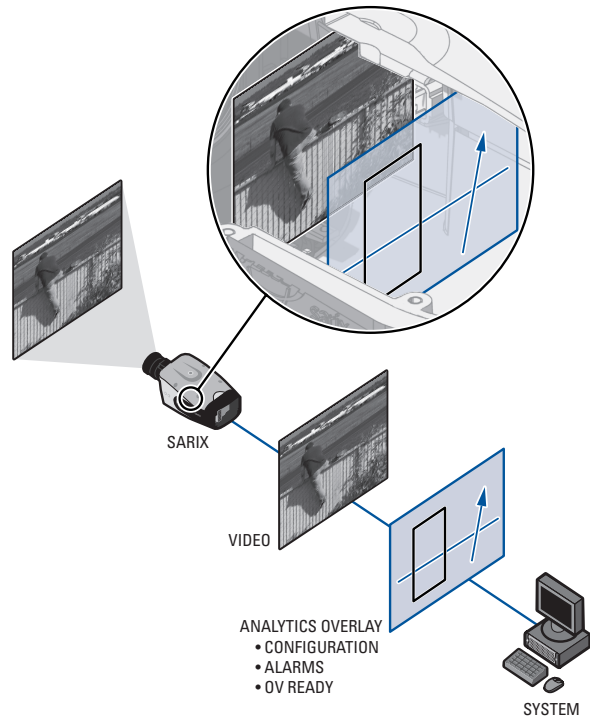
# TECHNICAL SPECIFICATIONS

## MODELS

IXE20C-OS	Sarix 2.1 megapixel EP network color camera with built-in OV Security Suite
IXE20DN-OS	Sarix 2.1 megapixel EP network day/night camera with built-in OV Security Suite
IXE20C-OSP	Sarix 2.1 megapixel EP network color camera with built-in OV Security Suite Plus
IXE20DN-OSP	Sarix 2.1 megapixel EP network day/night camera with built-in OV Security Suite Plus
IXE20C-OCP	Sarix 2.1 megapixel EP network color camera with built-in OV Event Counting Suite
IXE20DN-OCP	Sarix 2.1 megapixel EP network day/night camera with built-in OV Event Counting Suite

## REQUIRED SYSTEM

OV Ready	OV Ready-compliant system with OV Ready-compliant video management system
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**IMPORTANT NOTE: PLEASE READ.** The network implementation is shown as a general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.

**NOTICE:** Judgment as to the suitability of the products for users' purposes is solely the users' responsibility. Users should refer to the operation manuals for cautionary statements regarding user selected options and how they might affect video quality. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. The video analytic behaviors provide a large spectrum of settings that allow the behaviors to be used in a variety of applications. Selection of appropriate settings for proper detection in user applications is the sole responsibility of users. This equipment is intended to assist users in identifying situations of interest to users. Users have the sole responsibility of determining the appropriate response. In the event users intend to use the video for evidentiary purposes in a judicial proceeding or otherwise, users should consult with their attorney regarding any particular requirements for such use.

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