

# Pelco Analytics for IP Cameras with Sarix™ Technology

## BEHAVIORS FOR EXTENDED PLATFORM HD NETWORK CAMERAS

### Product Features

- Camera Sabotage Analytic
- Pelco Motion Suite Analytics
  - Adaptive Motion
  - Directional Motion
- Pelco Object Suite Analytics
  - Abandoned Object
  - Object Counting
  - Object Removal
- Improves Operator Efficiency
- Real-Time Alarm and Event Notification
- Open API for Alarms and Configuration
- Multiple Analytic Profiles



ANALYTICS OVERLAY: DIRECTIONAL

**Pelco Analytic Suites** are preloaded on Pelco's IXE20 Series cameras with Sarix™ technology, making configuration and alarm notification easy when used with Endura® or a third-party system that supports Pelco's Analytics API.

**Analytic Suites** enhance the flexibility and performance of Pelco's Sarix extended platform (EP) network cameras. Once configured and enabled with Endura or an API system, the analytics automatically detect and trigger alarms when unwanted activity is detected.

### Camera Sabotage

Standard in every Pelco Sarix EP camera is **Camera Sabotage**: a behavior that detects contrast changes in the camera field of view. If the lens is covered with spray paint, a cloth, or a lens cap cover, the behavior triggers an alarm. It also triggers an alarm if there is any unauthorized movement of the camera.

### Pelco Motion Suite

**Pelco Motion Suites** contain both adaptive and directional motion analytics in an intuitive, easy to use package.

- Adaptive Motion detects and tracks objects that enter a scene and then triggers an alarm when the objects enter a defined zone. Adaptive motion is primarily used in outdoor environments with light traffic to reduce the number of false alarms caused by environmental changes.
- Directional Motion generates an alarm in a high traffic area when a person or object moves in the wrong direction, alerting operators of a safety or security threat. Typical installations for this behavior include an airport gate or tunnel where cameras can detect objects moving in the opposite direction of the normal flow of traffic.

### Pelco Object Suite

**The Pelco Object Suite** includes abandoned object, object counting, and object removal behaviors in a package that is perfect for high traffic installations.

- Abandoned object detects objects placed in a defined zone and triggers an alarm if the object remains in the specified zone too long. An air terminal is a typical installation for this behavior. Abandoned object can also detect objects left behind at an ATM, signaling possible card skimming.
- Object counting counts the number of objects that enter a defined zone/ tripwire. This behavior can improve business intelligence and operations by counting the number of people at a store entrance/exit, or by tracking areas inside a store with light/high foot traffic.
- Object removal triggers an alarm if an object is removed from a defined zone. This behavior is ideal for detecting the removal of high value objects, such as a painting from a wall or a statue from a pedestal.

### Multiple Analytic Profiles

Multiple Pelco analytics can be scheduled to work during a certain time or condition. For example, during the day, a camera can be programmed with object counting to count the number of people that enter a lobby door. At night, the operator can switch the profile to camera sabotage to trigger an alarm if a camera is moved or covered.



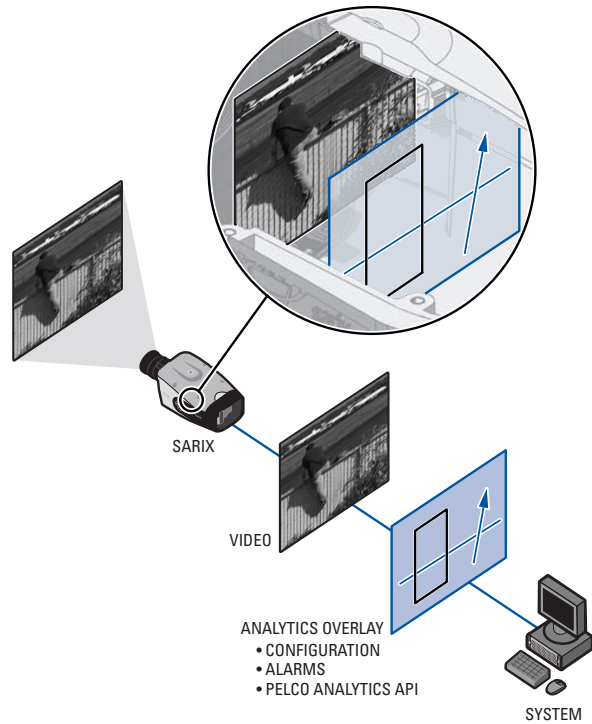
# TECHNICAL SPECIFICATIONS

## MODELS

IXE20C	Sarix 2.1 megapixel EP network color camera
IXE20DN	Sarix 2.1 megapixel EP network day/night camera
IXE20C-PM	Sarix 2.1 megapixel EP network color camera with built-in Pelco Motion Suite
IXE20DN-PM	Sarix 2.1 megapixel EP network day/night camera with built-in Pelco Motion Suite
IXE20C-PO	Sarix 2.1 megapixel EP network color camera with built-in Pelco Object Suite
IXE20DN-PO	Sarix 2.1 megapixel EP network day/night camera with built-in Pelco Object Suite

## REQUIRED SYSTEM

Pelco Interface	Remote operation from an Endura 2.0 (or later) system
Open API	Pelco analytics streaming information communicate through Pelco's API Guide for Video Analytics version 0.55.30 (or later), available at <a href="http://Pelco.com/IP">Pelco.com/IP</a>



**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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