Object detection

Automatically identify potential threats

With HxGN dC3 Video | Analytics, detect left or removed objects in indoor environments. This application offers customizable configuration options for target object sizes and detection parameters.

The system is well-suited for surveillance of critical areas in various settings such as stores, museums, airports and manufacturing/warehouse areas.

The object detection system is part of a broader suite of video analytics applications and can be combined with other analytics tools to create a comprehensive security package.

HxGN dC3 Video | Analytics
powered by SAIMOS

Use cases

Theft detection

- Detect removed objects on desks and other surfaces
- Bag and suitcase left behind/stolen

Safety and security

- Left/removed objects
- Blocking of pathways, entries or emergency exits
- Loitering

Key features

Algorithms

- Detect left or removed objects
- Variable object size
- Configurable alert timeout
- Optimized for indoor scenarios with stable light conditions

General characteristics

- Double motion detection system for general static object left and removed detection

Triggers

- Left or removed object
  (can include an alarm expiration time)

Configuration

- Easy scene calibration based on body sizes directly in the live video view
- Minimize false alarm rates

Technical requirements[1]

Minimal pixel density for motion detection	12 pixel / meter calculated for VGA; resolution 10-20 fps
Operating system	Windows
RAM	min. 16 GB
HDD	SSD
CPU	Intel CPU 7th generation or higher with AVX2

1 For full technical specifications, please contact your local sales representative.

Discover also more video analytics scenarios:

| hxgnsecurity.com