



ABOUT U-ALARM

U-Alarm is an AI-based video analytics software solution. As a video intelligence solution, it is designed to automate IP camera event detection and notification in an actionable fashion. The U-Alarm AI is trained using millions of inputs to detect unauthorized intrusion to restricted areas, measure crowds exceeding preset thresholds and count peoples and vehicles to provide essential data for your operation.

As an actionable solution, U-Alarm is responsible for providing the necessary amount of information regarding captured events so that relevant personnel are able to make rapid decisions and take corresponding actions based on them.

U-Alarm Technical datasheet

Scenarios

Perimeter Defence
Loitering Detection
Zone crossing
People/Vehicle counting (person, car, truck, bus, motorcycle, bicycle, train, boat, airplane)
Anonymization

Supported devices

All IP cameras with RTSP stream including Thermal and PTZ

Compute platform

GPU Based Edge server (Nvidia Jetson NX recommended)

Configuration difficulty

Plug&Play Setup, 15 min configuration/channel

Supporting software

Web browser

Languages

English

Features

Intrusion Detection
Crowd Detection
Multi-object Detection
Multi-object Counting
Zone Crossing
Privacy Mask
Loitering

Limitations

Camera stream must be set to FullHD (or lower), 1-10FPS.

Extreme weather conditions or insufficient lighting (visual cameras) could impact detection performance.

Deployment: Correct mounting of camera and configuration required. See the user manual for instructions.

Application Programming Interface

Custom HTTP integration for Alarms and Counters
E-mail notification
Milestone XProtect
Genetec Security Center*
IMMIX*

Event management

Integrated Event manager
Milestone XProtect Smart Client
Genetec Security Center client*
Custom software**
E-mail notification

*scheduled for next release

**based on commercial commitment

***depending on feature complexity

Metadata

Alarm:

- Triggering camera ID
- Alarm timestamp
- Alarm type
- Detected objects type and position

Counter (Live and batch):

- Time range (from-to)
- Detection types
- Min, Max, First, Last, Average, Median

Min. object height (px)

32px***

Max. range

150-500 meters***