



PRODUCT DESCRIPTION

IncoreSoft advanced technology uses neural networks to power video analytics, delivering improved accuracy in both crowded outdoor and indoor environments. The system determines the type of an object and issues alert according to the specified rule. Object classification goes beyond left bags and people, it includes vehicles, distinguishing between cars, trucks, buses, motorcycles, and bicycles.

VEZHA OBJECT DETECTION FEATURES

- Create custom rules for any situation, determining the presence or absence of objects within selected areas and time intervals.
- Our system tracks and classifies over 50 objects, now extending classification to stationary objects, not just those in motion.
- More over, our video analytics now encompass a broader object classification, including cars, trucks, buses, motorcycles, and bicycles, going beyond people and vehicles.

THE MINIMUM SIZE (WXH) UPON CAMERA RESOLUTION 2MPX SUPPORTED FOR:

- Person size for detection minimum: 25×40 px, recommended: 50×125 px
- Car size for detection minimum: 25×25 px, recommended: 150×100 px
- Bicycle size for detection minimum: 40×70 px, recommended: 90×100 px
- Motorcycle size for detection minimum: 25×30 px, recommended: 70×90 px
- Bus size for detection minimum: 90×75 px, recommended: 200×150 px
- Truck size for detection minimum: 80×70 px, recommended: 180×150 px
- Animal size for detection minimum: 30×40 px, recommended: 120×140 px
- Item size for detection minimum: 30×40 px, recommended: 100×150 px



GENERAL INFORMATION

SUPPORTED OPERATING SYSTEMS	LINUX UBUNTU 20.04 / FROM WINDOWS 10 / FROM WINDOWS SERVER 2019
SUPPORTED PLATFORM	X64
SUPPORTED HARDWARE ACCELERATION	INTEL OPENVINO / NVIDIA TENSORRT
SUPPORTED DATABASE	SUPPORTED DATABASE MYSQL / POSTGRESQL / MS SQL / ORACLE

INTERFACE

CAMERA STREAM PROTOCOL	RTSP / HTTP / HTTPS / ONVIF
RECORDED VIDEO FORMATS	MKV; MP4; ASF; AVI; MJPEG
SUPPORTED CODECS	MPEG-4; MJPEG; H.264; H.265
OUTPUT FORMATS	JSON / XML / CSV / PDF

MAIN FUNCTIONALITY

CENTRALIZED MANAGEMENT	✓
REAL-TIME ALARMS	✓
INTEGRATION WITH MICROSOFT POWER BI, GOOGLE DATA STUDIO, AND OTHERS	✓
NOTIFICATION SETTINGS: INTERNAL ALARM, BY TELEGRAM OR OTHER EXTERNAL SYSTEMS	✓
REST API	✓
INTEGRATED BUSINESS LOGIC BUILDER	✓
SUPPORT FOR VARIOUS INTERFACE LANGUAGES	✓

VMS INTEGRATION

EVENT BASED INTEGRATION	LUXRIOT EVO, MILESTONE XPROTECT, NX META, AND OTHER
PLUGINS INTEGRATION	LUXRIOT EVO, MILESTONE XPROTECT, NX META

SECURITY FEATURES

ACTIVE DIRECTORY / LDAP	✓
GROUPS AND ROLES SUPPORT	✓
ENCRYPTION OF ALL PACKAGES	✓