

VEZHA Motion Detection

Product Specification



Product Description

This intelligent video analytics module used for real-time alerting in case of moving objects within predefined areas. Motion detection module helps to analyze objects using different rule violations: line crossing, intrusion, loitering, lost, and disappeared object detection. It recognises the object size, determines the object movement and differentiates the perspectives. This facilitates an event recording, which significantly reduces bandwidth and storage needs of video surveillance systems. Installation and configuration is straightforward and it is suitable for indoor and outdoor applications.

VEZHA Motion Detection Features

- Intrusion analytics using a motion detector helps to analyze an intrusion into a specific zone
- Loitering analytics helps to prevent unpredictable behavior in a particular area
- Lost object detection is applicable at the airports, bus, and railway stations to find lost things and prevent bomb and terrorist attacks
- Rules: line crossing, loitering, intrusion, abandoned object, the disappearance of an object, camera sabotage
- The module provides a recording of events, dates, and times of the violation

Benefits

- Reduced bandwidth and storage needs
- Quick search of recorded events
- Suitable for colour and thermal imaging cameras
- Easy installation and configuration
- Optimum value for money



General information

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|-----------------------------|--------------------------------------|
| Supported Operating Systems | Linux / Windows |
| Supported Platform | x86_64 / Jetson |
| Supported Database | MySQL / PostgreSQL / MS SQL / Oracle |

Interface

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|------------------------|-----------------------------|
| 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 |

Main functionality

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|---|---|
| Centralized Management | + |
| Finding and navigating the vehicle route | + |
| Real-time alarms | + |
| Integration with Microsoft Power BI, Google Data Studio, and others | + |
| Unlimited lists support | + |
| Notification settings: internal alarm, by Email / SMS / HTTP / Telegram | + |
| REST API | + |
| Database import (CSV) and export support (EXCEL / PDF / CSV / JSON) | + |
| Integrated business logic builder | + |
| Support for various interface languages | + |

VMS Integration

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|-------------------------|--|
| Event based integration | Luxriot Evo, Milestone XProtect, Nx Meta, Genetec, Pelco and other |
| Plugins integration | Luxriot Evo, Milestone XProtect, Nx Meta, Pelco |

Security Features

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|----------------------------|---|
| Active Directory / LDAP | + |
| Groups and roles support | + |
| Encryption of all packages | + |

