

EYEMINER

Video Analytics System



What is Eyeminer VAS?

Eyeminer is an AI-powered video analysis system designed to analyze data obtained from imaging systems. By processing data gathered from imaging systems using state-of-the-art computer vision technologies, Eyeminer generates actionable insights, creates alarms, and facilitates reporting on both live and recorded videos. By ensuring the rapid and effective analysis of imaging data, Eyeminer adds value in security, monitoring, and surveillance while reducing human errors and increasing efficiency.

Platform-Independent Architecture

Eyeminer ensures full integration with different operating systems and hardware.

Flexible and Innovative System

Eyeminer offers an expandable portfolio of analyses by supporting customized computer vision models tailored to specific needs.

High Performance

Eyeminer combines live and recorded video analysis with high-performance.

Cost-Effective Integration

Eyeminer provides a high-performance AI application without requiring additional hardware costs by operating independently on existing imaging systems.

Security

Eyeminer enables analysis of videos on a local network through on-premise installation.

Intelligent Search and Summarization Capability

Eyeminer enables the search for a specific individual across all cameras simultaneously and allows for the summarization of video recordings based on personal and vehicle characteristics using enhanced AI models.

Analytics Portfolio

Vehicle Analytics

- Vehicle Detection
- Vehicle Attribute Detection
- Vehicle Brand / Model Detection
- Vehicle Movement Direction Detection
- Line Crossing Detection
- Vehicle Detection in Selected Area
- Vehicle Count in Selected Area
- License Plate Recognition
- Marked Vehicle Search
- Loitering Detection

Human Analytics

- Human Detection
- Human Attribute Detection
- Human Movement Direction Detection
- Line Crossing Detection
- Human Detection in Selected Area
- Human Count in Selected Area
- Face Detection
- Facial Attributes Detection (Hair Color, Baldness, Beard)
- Crowd Detection
- Crowd Movement Direction Detection
- Panic Detection
- Fall Detection
- Marked Human Search
- Loitering Detection

Object Analytics

- Object Detection
- Object Counting in Selected Area
- Timed Object Count Detection in an Area
- Motion Detection
- Sabotage Detection
- Left/Abandoned Object Detection
- Fire/Smoke Detection
- Video Summarization

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Software Technical Specifications

Resolution

1920x1080p (Full HD) – 3840x2160p (4K)

Recommended FPS Value

12,5 FPS – 30 FPS

Supported Video File Format

AVI, .MKV, .MPEG4, .MOV, .WMV, .DVR, .ASF, .RT4, .DIVX, .264, .GE5, .TS, .3GP, .XBA (Single – Multiple Stream), .MP4, .FLV

Supported Codec Component

H.264 / MPEG-4 AVC, H.265 / HEVC

Supported Interfaces

Eyeminer Video Management System, Eyeminer UI

Supported Camera Types

Fixed / PTZ Camera

Recommended Facial Recognition Pixel

Minimum 24x24p

Supported Languages

Turkish, English



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