



# 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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