ÖLÇSAN 50
to measure is to know
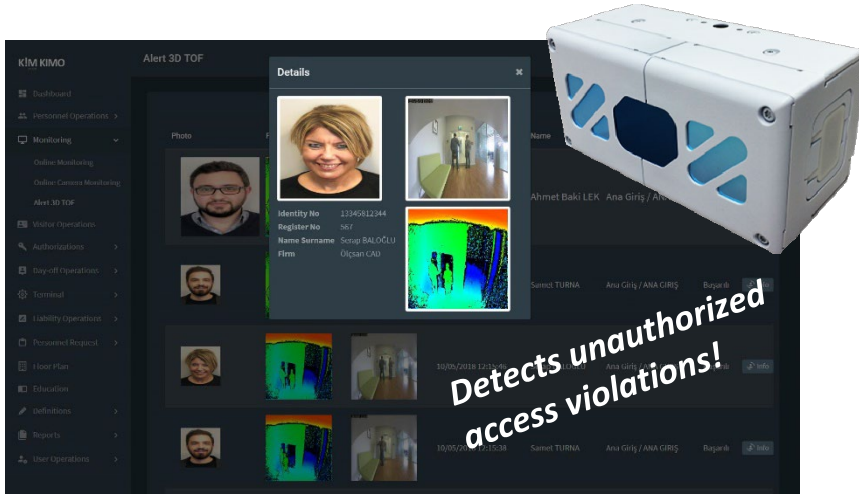*50 years in the industry*

FalconEYE Intrusion Detection System

Intrusion Detection Software

Most high-risk access control entry points do not have full security although they may have integrated secure smart card and/or biometric equipment. Sensitive areas are classified as an uncontrolled entrance by means a card holder can gain access via a door, enabling others to potentially enter without authorization.

The FalconEYE 3D platform has been developed to eliminate this type of security breaches and prevents tailgating and piggybacking. The platform also provides secured access from an open area in addition to head counting.

Detects unauthorized access violations!

Features

• Additional extra security layer to the AC System

• Detects people and objects

• Usage of 3D & Time of Flight

• 3D modeling of the scene and objects

• WEB based user interface, ergonomic design

• Integrated IP camera support; showing video or still frame of the card holder and the additional non-accredited person/s

Advantages

• Easy to integrate to 3rd party AC systems via SOK and API
• Additional security layer for mission critical infrastructures

FalconEYE's Advanced Functions

• Anti tailgating
• Anti-piggy gating
• Unauthorised entry/exit
• Head counting
• Alarm generation
• Integrated maps and layouts
• Event monitoring
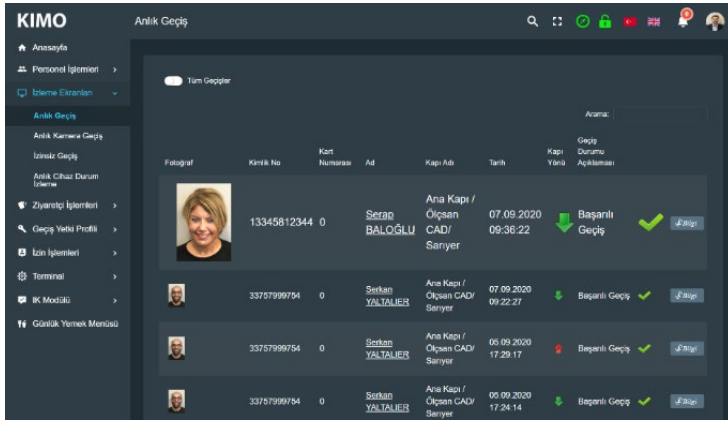• Mobile device support

Usage Areas

• Data Centers
• Public buildings
• Hospitals and Health Centers
• Chemical Facilities
• Research Institutes and R&D Centers
• Nuclear Facilities
• Defense industry
• Banking and Insurance
• Shipping and Transportation

The system detects unauthorized Access through sliding doors and uncontrolled turnstile areas at the entrance/exit points for high security areas of relevant buildings and campuses. It is suitable for use in places where the installation of controlled full-height turnstiles are difficult and/or costly.

Access Control Support

By integrating with KIMO Access Control software, it provides additional security support to all entrance/exit security of your institution. It detects uncontrolled passages of personnel and visitors within the institution, records them in real time and manages them end-to-end.

Instant Access

Instant Access is a monitoring screen that shows the passage of the staff and visitors in real time. Security personnel monitor the person's information on the screen.
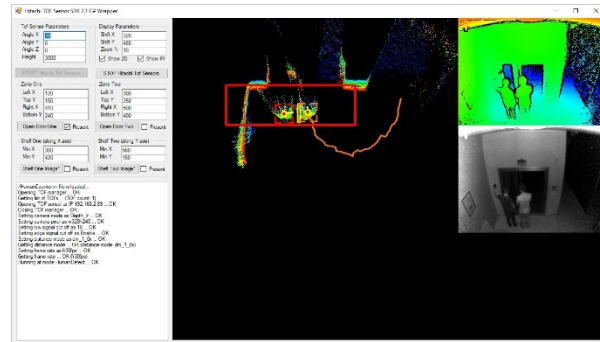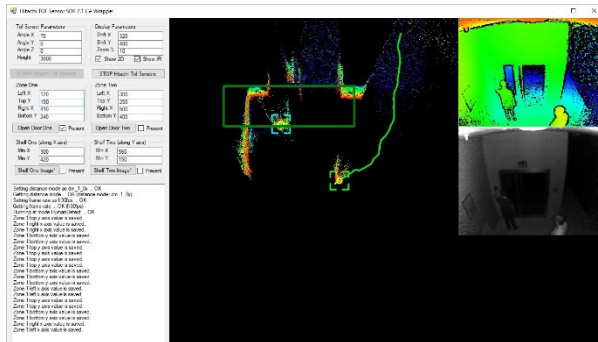
Technology: 3D-LIDAR (Tof) Motion Sensor Platform

With the Instant Camera Pass module, the passages of personnel and visitors are monitored with a camera, and uncontrolled and unauthorized passages are detected.

Hitachi 3D-LiDAR (ToF) Motion Sensor generates data in real time by calculating movements and using infrared rays. The calculation is made by measuring the time spent by the light on its way to and from the object - "time of flight (ToF)". Different data analysis libraries and customizations are shared with implementers for additional development.

Supported Hardware List: