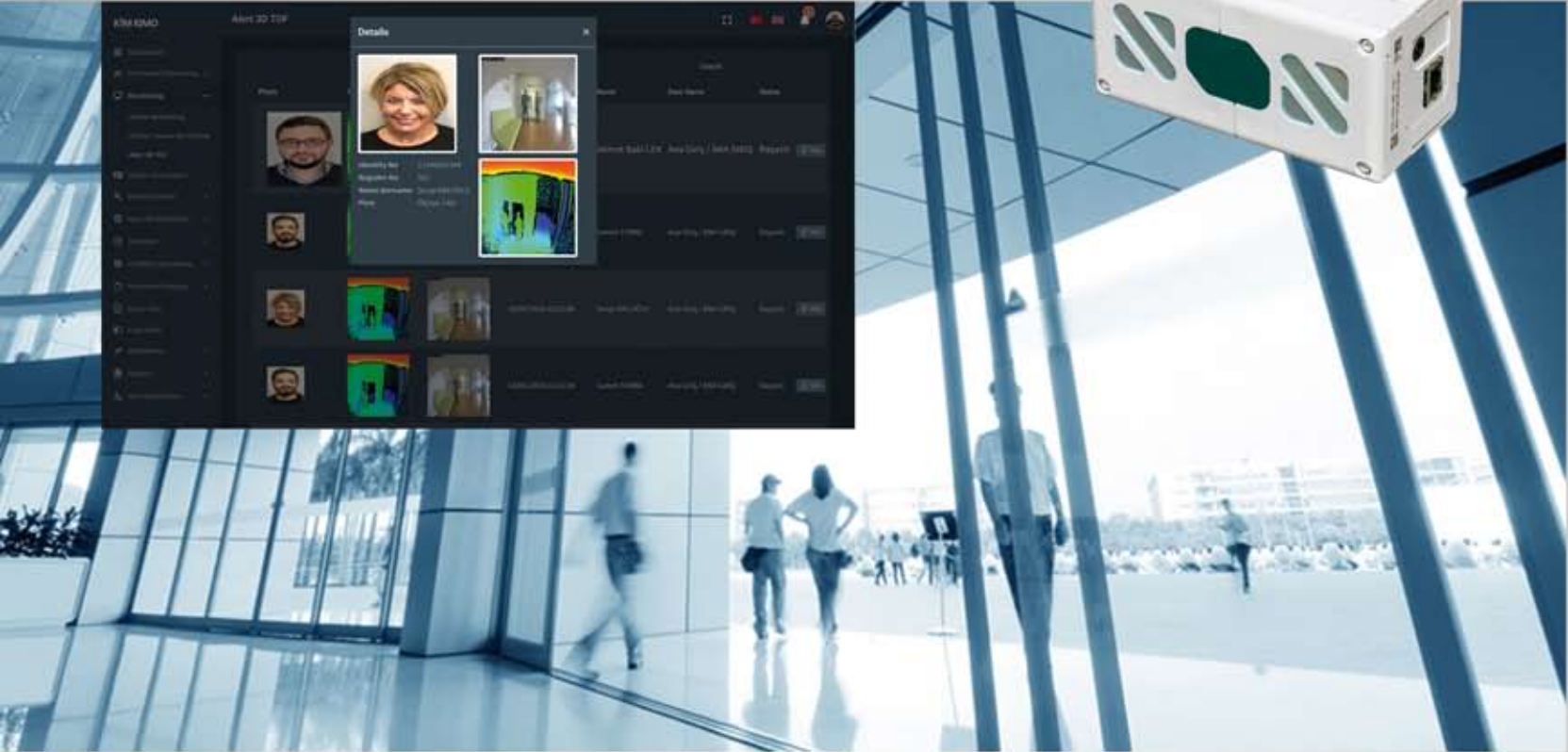


# FalconEYE 3D

## Intrusion Detection Platform



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

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.

### 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



## FalconEYE 3D

### Intrusion Detection Platform



#### FUNCTIONS

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

#### ADVANTAGES

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

Specifications			
Model	HLS-LFOM5	HLS-LFOM3	HLS-LFOM1
Sensing Distance	2.3 ft. ~ 32.8 ft. (0.7 ~ 10 m)		
FOV	H76° x V60°		
Pixel Resolution	640 x 480 (10 ~ 30 fps) Transfer data can be set to downsizing		
Distance Resolution	X,Y:6 mm, Z:8 mm @ 2 m		
Lighting	Infrared IR LD		
Size (mm)	150x148x44	164x73x83.4	138 x 69 x 69
Weight	500 g	800 g	540 g
Interface	Ethernet 100 base-TX (Power is provided by POE+)		
Illumination Condition	Under 10,000 Lux (Indoor @ daytime)		
Temperature & Humidity Condition	0~45°C (Operable at 50°C) 0~95% (Non-condensing)		
Laser Class	Laser class 1		
Power Consumption	15W		
IP Rating	-	IP66	-

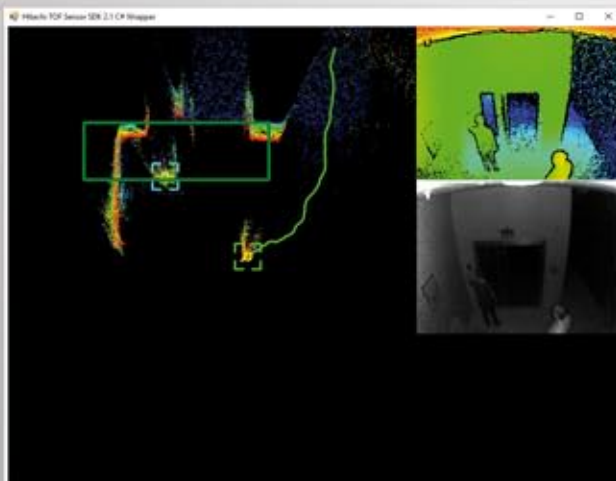
#### Technology: 3D-LiDAR (ToF) Motion Sensor Platform

The Hitachi 3D-LiDAR (ToF) Motion Sensor Platform calculates movement and provides data in real time using infrared beam technology. The measurement is based on the time it takes light to travel to the object and back to the sensor, or the "time of flight" (ToF).

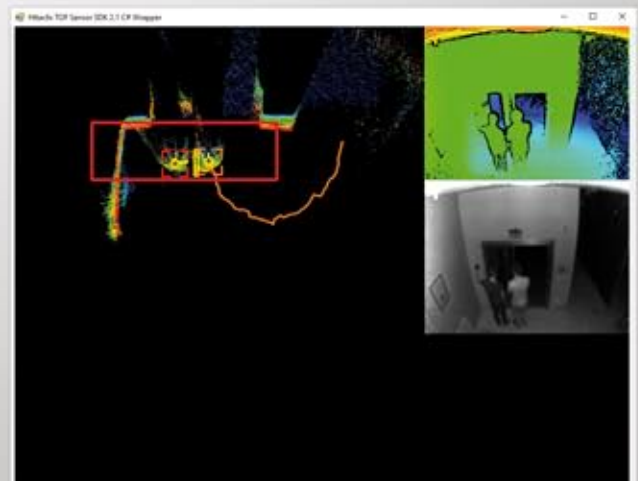
Various edge analytics libraries are available for evaluation and customization.

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Second person out of the alert zone



Tailgating: Second person in the alert zone