Sensing Solutions for Occupancy Regulations
Smart Building Occupancy Monitoring

Made to comply with building occupancy restrictions

Safety-critical building complexes, high security areas or even retail stores with high visitor volume are often subject to maximum occupancy regulations.

Pandemic restrictions require the implementation of maximum occupancy rules in shopping malls, retail areas and other public buildings. Our People Counter solution allows to implement a highly accurate and cost-efficient occupancy monitoring system. It supports the optimization of customer flows and enables compliance with COVID-19 related constraints.

Installed above each entrance area, IEE's People Counter system performs a bi-directional count of all people entering or exiting. By comparing all entries and exits in real time, the occupancy of a room, a specific floor or an entire building can automatically be determined. As the system provides a proven outperforming counting accuracy above 99%, the number of customers can be maximized towards the upper allowed limit.

Why chose our system?

- Based on 3D time-of-flight (ToF) sensing technology
- Automatically tracks and records the precise number of people in your building/shop
- Reliably counts people entering and exiting a determined area (bi-directional monitoring)
- Cost-efficient device delivering highly accurate, real-time counting information
- Provides a counting accuracy of > 99%
- Allows for optimized scheduling of security staff presence and enhances overall building security
- Helps improve marketing intelligence
- Easy, fast and aesthetic integration into existing building architecture

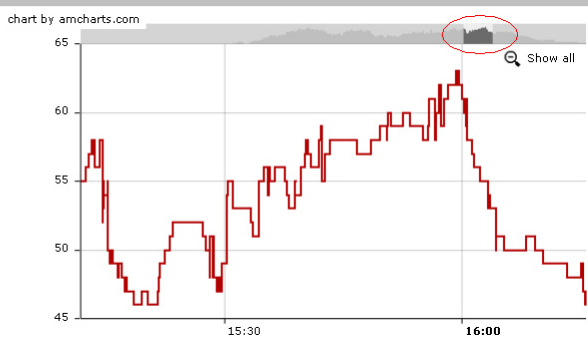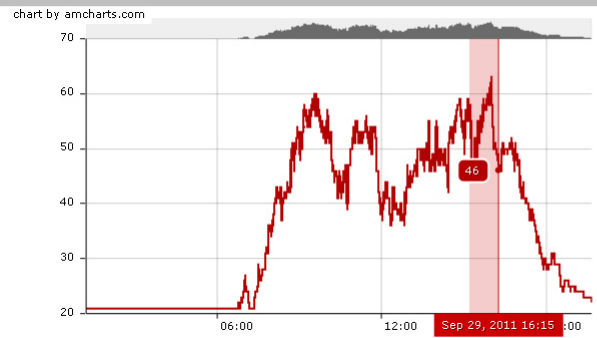a sense for innovation **IEE**

People Counter M4.0

All-in-one solution for automated Building Management

- The 3D ToF technology creates a real-time topographic image
- Reliable tracking and counting of moving and standing people
- Embedded software (no additional computer required)
- Interconnection of multiple People Counter sensors in various occupancy zones:
  - Single rooms, floors or entire buildings
- Real-time data display and counting data visualization
- Flexible implementation of min/max occupancy thresholds and alerts

Need a customized solution?

If you want to talk about customization options, price, availability or other information related to this product or work with us on the next project, please drop us an email at: infrastructure@iee.lu

About Us

IEE S.A. is a worldwide developer, manufacturer and supplier of advanced sensing solutions and electronics for the automotive, building security and management, sports and medical areas, and looking into broadening its sensors' offer for additional markets, industries and applications. Founded in 1989 and headquartered in Bissen, Luxembourg, the company has since expanded and runs operations in Europe, the U.S. and Asia. IEE employs over 4,100 people, with more than 10% of the company's workforce focused on Research & Development, working on uncovering the next technologies.

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