

≡ Foyer Surveillance Intenta 3D-Vision Sensors



Use Case



Foyer Surveillance

Intenta S2000 **Intenta S2100 security**

As part of your surveillance system, the Intenta 3D-vision sensors detect atypical behavioural patterns and suspicious activities and thus helps to increase the security in your foyer.

Benefits

- Increased security, e.g. in bank self-service foyers
- Reduced deployment costs for security staff on account of fewer false alarms
- Reduced workload for security staff due to automatic reporting
- Highest possible level of data protection by means of optional image transfer
- Real-time notification of atypical behavioural patterns
- Automatic detection of objects left behind
- Tamper-proof security housing (Intenta S2100 security)

Your foyer automatically monitored around the clock

Used in the foyer area, the **Intenta S2000/S2100** represents a smart addition to your security system. By means of **reliable detection, real-time analysis and intelligent alarm systems**, it increases security in your foyer.

It detects the presence of visitors and, using **integrated image processing**, it can also recognise both their duration of stay and their position and posture. As such, the sensor reliably **detects emergency situations**. If, for instance, a visitor were to fall in the foyer, the sensor autonomously reports this event to an emergency control centre after a definable period of time.

Using the same functionality, **unwanted visitors** outside of the standard business hours (e.g., at night) or flash mobs can be detected. In addition, intentional instances of **tampering within the surveillance area** – in relation to the positioning of objects such as gas cylinders, for example – are detected and reported more quickly.

Key Features

- Real-time analysis
- Integrated image processing
- Universal optical 3D object recognition
- Reliable detection, even of partially concealed persons
- Data transfer via FTP, HTTP or HTTPS for connection to the existing security infrastructure
- Reporting of surveillance events (via FTP as an XML file)
- HD video streaming (optional) via RTSP
- Robust, tamper-proof hardware (security housing)

System Installation

- **Ceiling and angled wall installation possible**
- **Installation height:** up to 7m – higher on request
- **Surveillance range:** typically 6m × 6m – depending on the lenses installed and the method and height of installation
- **Connection to alarm-generating hardware** such as speakers with warning tones, signal lamps, etc.

Security Housing

The robust security housing (Intenta S2100 security) ensures the tamper-proof installation of the sensor. It protects the equipment from damages and prevents unauthorized modifications.

System Configuration

Following the installation of the Intenta S2000/S2100, configuration is performed via a web interface, which can be accessed via all common web browsers. Just a network connection between the smart sensor and PC or server is required. The virtual surveillance area and all security parameters are defined via the configuration page.

People detection

Recognition of emergency situations

Object recognition and dwell-time measurement

Automatic reporting and event detection

Overview of Functions

Detection of the number of people in the coverage area; e.g., in order to prevent flash mobs, spontaneous parties, etc.

Detection of posture, e.g., in order to recognise someone lying motionless having collapsed in the foyer area and to detect people using the bank foyer as a place to sleep.

Detection of intentionally positioned objects – in conjunction with the length of time that the object is present, thus making the detection of suspicious objects, damage to property and break-ins faster – increases the chances of catching the perpetrator.

In the event of one or more parameters being exceeded, the connected security system is immediately alerted via the defined interfaces and protocols. A single-frame image is captured simultaneous to the detection of the event. In the event of an alarm, the image files can be transmitted to the central office, meaning that event triggers can be identified remotely and the alarm situation can be quickly and easily assessed and documented.