

## PERIMETER PROTECTION

# LTS 400

## *Laser Tracking System*



### Short description:

The Laser Tracking System LTS 400 is a laser scanner-based building security system, which can be used in indoor- and outdoor areas. The laser scanners scan their environment with laser beams and if the laser beams detect persons or objects within the surveillance area, their position can be determined exactly to the centimeter. The connected PTZ dome camera is closely adjusted and follows the person and/or the object all the time.

### General features:

- Exact determination of the position of intruding or escaping objects
- Targeted control of camera – with tracing of the object
- Significant HD pictures through distance-related focusing
- Highly secure detection level
- Reduced personnel costs
- Decreases required camera quantity
- Outdoor ability (by weather measurement value filter)
- Integration in existing control units

### Security applications

- **Perimeters / Fences / Walls**
- **Open spaces**
- **Facades**
- **Roofs**
- **En-/Extrances**
- **Indoor areas**
- **Mobile Applications**



# LASER Tracking System



## Technical data LTS 400

Typ	LTS 400
Field of application	Securing of open areas against trespass or desertion
Quantity Laser scanner	max. 8 Tracking Scanner per LTS 400 Controller/Client, individually retrofittable
Quantity Dome cameras	max. 8 per LTS 400 Controller, optionally extendable with Client-Server Architecture
Analysis unit	LTS 400 controller/server with up-to-date MS Windows system software Optionally: Digital E/A-component, ethernet interface to the building management
Features	<ul style="list-style-type: none"> <li>• General overview and global coordinate system with all scanners and cameras</li> <li>• Exact information of the field disturbance</li> <li>• Multiple object-alternating (monitoring of multiple field violations)</li> <li>• Object tracking</li> <li>• Individual calculation and selection of the optimal camera for the field violation</li> <li>• Generation of controlling orders for the camera(s)</li> <li>• Rain filters</li> <li>• Central status view of all connected components</li> <li>• Data- and event recorder</li> </ul>
Components laser measuring system LTS 400	Tracking Scanner with optional weather protection cover, LTS 400 Controller/Server/Client, Digital E/A-Component, instruction manual

**NOTE: Future-proofed!** New PTZ camera types can be integrated by individual adjustment of the camera interface.

### Installation:

The assembly places for the tracking scanner and the PTZ cameras are to be defined by reference to a common coordinate system. The components are displayed in a 2D-graphic in a X-Y coordinate system. The tracking scanner can be set independently from the installation places and the quantities of the cameras. It must only be ensured that the PZT cameras with their swivel area are able to see into the complete monitoring area. **An integration into already existing surveillance systems is also possible.**

### Monitoring area:

The monitoring area (MA) of the laserscanner is adjusted about a graphical surface. In an on-line display the current measuring data and the position of the laserscanner are displayed, in addition the position of the camera(s) is shown. With a click on the graphic surface the corner of the surveillance area is defined. The corner are connected with their (settings-) sequence. The including area is the monitoring area.

### Operation:

The cameras can be controlled manually from the operating personnel - as usually - over the video control panel. In case of an field injury the camera is guided automatically by the LTS 400 system onto the object and is tracing it. By the automatic-off switching the operating personnel is able to resume the controlling of the camera. By the time-controlled day/night switch over the surveillance areas can be easily adapted to the different requirements.

### Sales information – Laser measuring system LTS 400

Subject to change without prior notice. All data without tolerance are typical data.

CONTACT

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