Precise detection for intelligent infrastructures

Innovative 180° detection for versatile applications

Laser based tracking

PEOPLECOUNTER AND MORE

Laserscanner

PeCo LC 3.0 DOME

LASE
PeCo Systemtechnik GmbH

ABOUT PeCo LC 3.0 DOME

The **PeCo LC 3.0 DOME** is a high-precision, hemispherical LiDAR sensor with a field of view of 180°. It is ideal for applications in the fields of security, intelligent infrastructure, buildings & real estate and SmartCity. With a vertical field of view of 180° and a horizontal field of view of 360°, the **PeCo LC 3.0 DOME** makes it possible, for example, to see areas and rooms from top to bottom, even in narrow corridors.
With high precision, the **PeCo LC 3.0 DOME** provides data over the entire field of view.
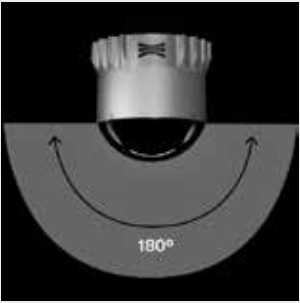
It offers complete coverage for, among other things, the tracking of people indoors as well as close-range detection for vehicles and other road users.

FEATURES PeCo LC 3.0 DOME

- ⊘ Full 180° coverage from floor to ceiling for comprehensive coverage
- ⊘ Data protection compliant technology with high-resolution measurement data
- ⊘ Robust & unobtrusive - ideal for use in real estate or smaller surveillance zones
- ⊘ Interference-free data processing for more precise measurements when using multi-sensors.

APPLICATION AREAS PeCo LC 3.0 DOME

- ✈ Airports / Train stations
- 🏙 Cities
- 🎫 Events
- 🏦 Banks
- 🛍 Retail trade
- 🛒 Shopping centers
- ⚙ Amusement parks
- 🏛 Exhibition halls
- 🏛 Museums
- 🚦 Traffic

TECHNICAL DETAILS PeCo LC 3.0 DOME

PECO LC 3.0 DOME

Characteristics	
Field of view	Vertical 180°, horizontal 360°
Detection range	20 m range (10 % reflectivity)
Detection range	45 m range (80% reflectivity)
Accuracy	>90%
Laser class	Class 1 (eye-safe; EN 60825-1:2014)
Scan and profile measurements	
Scan frequency	10 or 20 Hz
Electricity	
Operating voltage	12 or 24 VDC
Power consumption	14-20 W
Dimensions (diameter x height)	87mm x 85,5mm (without base plate)
Weight	470 g
Environmental data	
Operating ambient temperature	-40°C ... +60°C
Protection class	IP68, IP69K

Contact

LASE PeCo Systemtechnik GmbH
Rudolf-Diesel-Str. 115
46485 Wesel
Germany

Tel.: +49 281 95990-133
Fax: +49 281 95990-111
Website: www.lase-peco.com
E-Mail: counting@lase-peco.com