

Datasheet
PeCo LC 3.0 PRO/PRO MAX



Success is countable!

Laser-based counting of all road users
including classification and speed recording



Laser-based counting & analytics

PEOPLECOUNTER AND MORE

Laserscanner

PeCo LC 3.0 PRO/PRO MAX



ABOUT PeCo LC 3.0 PRO/PRO MAX



The PeCo LC 3.0 PRO and PRO MAX are laser-based counting systems for outdoor use. Using modern 3D LiDAR technology, they accurately detect pedestrians, cyclists and vehicles – including distinguishing between children, adults, cars and trucks.

The laser scanners also provide data on direction of movement and speed and calculate the capture rate in real time – for maximum data quality. The PRO MAX is designed for more complex situations, such as large intersections, and delivers reliable results even at high speeds. Whether in urban areas or for mobility planning, the systems offer data protection-compliant analyses for informed decisions using real-time data.

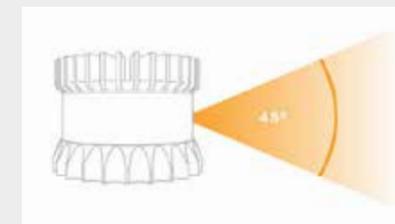
FEATURES PeCo LC 3.0 PRO/PRO MAX

- ✔ Suitable for outdoor use, insensitive to environmental influences
- ✔ High counting accuracy > 98%
- ✔ Mounting height up to 20 m
- ✔ Passage width up to 30 m
- ✔ Classification of people, vehicles and other road users]
- ✔ Several measuring lines per device including direction detection
- ✔ Recording of speeds and dwell times
- ✔ Laser class 1 "eye safe" [EN 60825-1:2014]
- ✔ Multi-layer scanner [64 or 128 layers] for reliable counting
- ✔ Safety under data protection law
- ✔ Traffic flow analysis and capture rate

APPLICATION AREAS PeCo LC 3.0 PRO/PRO MAX

- 🚦 Traffic
- 🏙 Cities
- 📅 Events
- ✈ Airports
- 🛍 Retail
- 🛒 Shopping center
- 🎡 Amusement parks
- 🏛 Exhibition halls
- 🏛 Museums
- 🏦 Banks

TECHNICAL DETAILS PeCo LC 3.0 PRO/PRO MAX



PECO LC 3.0 PRO

PECO LC 3.0 PRO MAX

Characteristics	PECO LC 3.0 PRO	PECO LC 3.0 PRO MAX
Vertical resolution	64 layers	128 layers
Installation height	3 m ... 20 m	3 m ... 20 m
Detection width	up to 30 m	up to 40 m
Counting accuracy	> 98%	
Laser class	class 1 [eye safe; EN 60825-1:2014]	
Scan and profile measurements		
Opening angle	45° [+22,5° bis -22,5°] *	
Scan frequency	10 or 20 Hz	
Electrics		
Operating voltage	12 or 24 VDC	
Power consumption	14-20 W	
Dimensions [diameter x height]	85mm x 73,5mm	
Weight	447 g	
Environmental data		
Operating temperature	-40°C ... +60°C	
Protection class	IP68, IP69K	
Features		
Classification [people, cyclists, traffic]	YES	YES
Suitable for speeds > 50 km/h	NO	YES
Zones including dwell times	YES	YES
Speeds	YES	YES
Route analysis	YES	YES
Capture Rate	YES	YES

*[alternative angle types are available on request]

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