

Datasheet PeCo SmartParking



Digitization of parking areas using sensors

Save time by finding a parking space quickly and easily



PeCo SMART PARKING PARKPILOT INDOOR



ABOUT SmartParking



The sensors are produced in Germany, are maintenance-free for several years and no complex infrastructure needs to be installed to digitize your parking area. Sophisticated algorithms evaluate the data for each parking space, including from neighboring sensors, in order to accurately and reliably record the occupancy status. Our PeCo PARKPILOT IN is the perfect solution for the interior of multi-storey car parks, for example. The sensor is simply mounted on the ceiling and transports the data quickly and reliably to a cloud via a gateway. The sensors are powered by an integrated battery and are attached to the floor or ceiling of the respective parking space.

FEATURES PARKPILOT INDOOR

- ✓ Parking space occupancy and availability
- ✓ Identification of preferred parking spaces
- ✓ Parking duration and alerting in case of time violations
- ✓ Identification of long-term parkers
- ✓ Checking the use of e-parking spaces
- ✓ Expansion with parking guidance system

Easy installation



Time saving



Data protection compliant



TECHNICAL DETAILS



PARKPILOT INDOOR

Features	
Diameter	approx Ø 110 mm
Height	approx 66 mm
Weight	approx 200g
Battery life	5 years
Power supply	Replaceable battery
Fasteners	Gluing / screwing
Operating temperature	-20°C up to +70°C
Transmission frequency	868 MHz
Transmit power	<13 dBm [<25mW]
Wireless technology	LoRa
Sensor technology	Magneto-Acoustic
Measurement interval	6 seconds
Protection class	IP54
Cabling	None

PeCo

SMART PARKING

PARKPILOT OUTDOOR



ABOUT SmartParking



The PeCo PARKPILOT OUT is the ideal solution for the outdoor area of parking lots. The sensor is attached to the floor and transmits the data directly to the cloud via a gateway. Can snow be cleared in winter despite the ground sensors? Of course. Should a sensor fail, we will ensure that it is replaced as quickly as possible. Thanks to the modular design, the actual sensor unit can be quickly and easily removed from the socket that is glued to the floor and replaced.

FEATURES PARKPILOT OUTDOOR

- ✓ Parking space occupancy and availability
- ✓ Identification of preferred parking spaces
- ✓ Parking duration and alerting in case of time violations
- ✓ Identification of long-term parkers
- ✓ Checking the use of e-parking spaces
- ✓ Expansion with parking guidance system

Road salt resistant



Temperature resistance



High resilience



TECHNICAL DETAILS



PARKPILOT OUTDOOR

Features	
Size	136 x 241,5 x 21mm (W x L x H)
Maximum load	2.5 t (Distributed load of pneumatic vehicle tires)
Fasteners	Gluing
Operating temperature	-20°C up to +60°C, temporarily up to 75°C
Power supply	lithium battery
Battery life	5 years
Transmission frequency	868 MHz
Transmission power	<13 dBm (<25mW)
Protection class	IP67
Colour	Sensor housing: black. Outer ring: signal yellow (RAL 1003)
Cabling	None



Contact

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