



MWD SBP

SMART RADAR SCANNER FOR BARRIER SYSTEMS

- Simple, convenient installation without modifying the road surface
- Reliable object detection, whether moving or stationary, in detection and safety areas of barrier systems
- Ensuring safe differentiation between vehicles and single pedestrians for barrier control
- Easy set up and adaption to barrier access points and their detection areas via mobile app
- Reliable function in harsh environmental conditions



Radar scanner for parking space applications and access roads

The MWD SBP radar scanner is an intelligent detection device for detecting static and dynamic objects at barrier systems. Based on millimeter wave technology, this system detects both people and vehicles in defined areas and enables reliable barrier operation. Cross-traffic suppression and direction of movement detection ensure targeted passage for objects. An additional distinction is made between people and vehicles in order to allow access only to authorised objects.

The powerful radar technology and specific detection algorithms enable robustness against a wide range of weather conditions such as rain, snow and fog.

Optical feedback is provided by specific colored LEDs, visible at the device front directly. This enables status and diagnostic detection directly on the barrier system.

A secure, access-restricted Bluetooth interface is used for simple commissioning, guided setting of detection areas and further data communication by use of belonging FEIG SCANNER app.

Special features:

- › Intuitive environmental teach in function and device configuration via mobile app
- › Definition of objects to be detected for barrier opening and safety area
- › Tracking of static and dynamic objects
- › Product-Lifecycle-Management, new feature updates and maintenance via Bluetooth and mobile app
- › Open cable connection for the output of 3 switching signals:
 - Open command zone
 - Safety zone
 - Drive-through signal
- › Robust compact housing with protected connection for preventing unauthorized tampering

TECHNICAL DATA MWD SBP

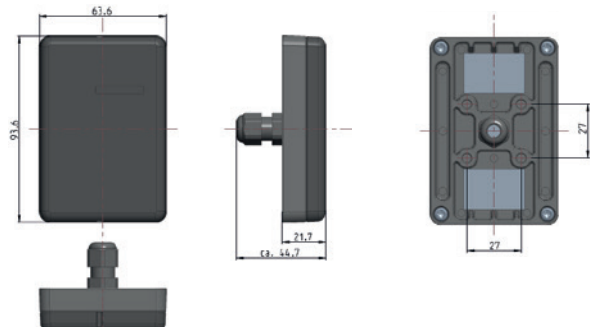
Technical Data

| | |
|--------------------------|--|
| Housing | Polycarbonate, Die-cast aluminum |
| Dimensions (w x h x d) | 63.6 x 93.6 x 21.7 mm |
| Weight | 300 g |
| Port | 8-pin connection cable 0.25 mm ² |
| Protection class | IP65 |
| Power supply | 9 - 30 V DC |
| Power consumption | max. 1.8 W |
| Temperature range | -30° C bis 55° C |
| Frequency range | 60 - 64 GHz |
| Technology | mmWaves Radar |
| Mounting | 4 x M5 Fixing screws |
| Mounting height | 0.5 - 0.9 m, recommended 0.6 m a) with mounting wedge 30° (accessory) b) directly on the barrier housing |
| Signal outputs | 3 solid state relays (galvanically isolated, common) |
| Signal inputs | 1 digital input, high activ |
| Switching voltage | max. 30 V AC/DC |
| Switching current | max. 100 mA |
| Operating status display | 5 LEDs: yellow / red / yellow / blue / green |
| Communication interface | Bluetooth BLE 5.0 |
| Detection range | max. 8,0 m x 8,0 m |
| Reaction times | Detection without/with classification: typ. 100 ms/700 ms |

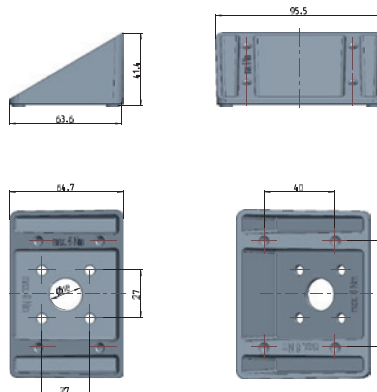
Order information

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|-------------|---|
| 6324.000.00 | MWD SBP-A Radar scanner for barriers |
| 6773.000.00 | MWD KMK030 Mounting wedge 30° |

Dimensions radar scanner



Dimensions mounting wedge 30°



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