



smartmicro

SMART MICROWAVE SENSORS

TRAFFIC SENSORS

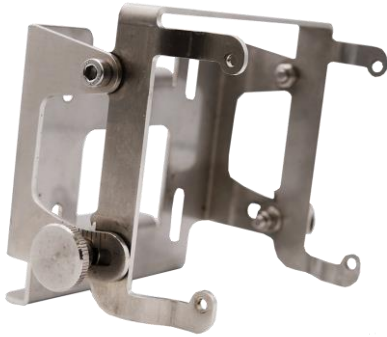
Accessories Catalogue

This catalogue provides a simple overview of the available accessories.
For prices and in case of questions please contact busdev@smartmicro.de

All datasheets are available on our [website](#) or on request.



BRACKETS



Straight bracket

- ✓ Available for all sensor types
- ✓ Allows adjustments of elevation angle



Advanced bracket

- ✓ Available for all sensor types
- ✓ Allows adjustments of azimuth, elevation and roll angle



CABLES



Plug & Play Cable

- ✓ To connect sensors to power, Ethernet, CAN, RS485 full-duplex
- ✓ UV-resistant
- ✓ 10m / 33ft



Open Wire Cable

- ✓ To connect to sensors
- ✓ UV-resistant, open wires
- ✓ Available in 10m / 33 ft or 5m / 16ft

J-BOXES



Full J-Box

- ✓ Power, RS485 full-duplex and Ethernet
- ✓ Surge-protecting: Compliant to IEC 61000-4-2 (ESD) and IEC 61000-4-4, Class 4 (fast transients)
- ✓ Available for all sensor types



Simple J-Box

- ✓ Power, RS485 full-duplex
- ✓ Surge-protecting: Compliant to IEC 61000-4-2 (ESD) and IEC 61000-4-4, Class 4 (fast transients)
- ✓ Only 6 terminals allow greater wire gauge
- ✓ Available for all sensor types

VIEW
DATASHEET

J-BOXES



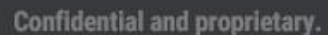
PLC J-Box

- ✓ Converts the 4-wire Ethernet to a high-definition powerline (PLC) communication
- ✓ Up to 300m (984ft)
- ✓ Surge-protecting: Compliant to IEC 61000-4-2 (ESD) and IEC 61000-4-5, Class 4 (power surges and lightning)





- ✓ Connects COM HUB Sync PLC with the Intersection Controller
- ✓ Provides 64 outputs to the intersection controller via standard SDLC protocol
- ✓ Visualization of BIUs via LED
- ✓ Compliant with ATC and TS2



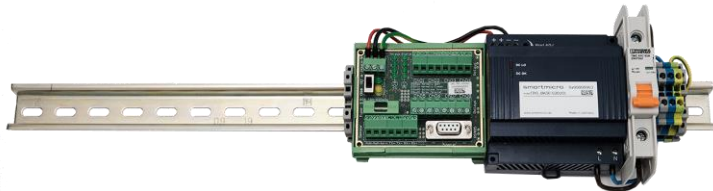
RELAY OPTIONS



Serial Relay Option

- ✓ To implement applications without additional controller unit
- ✓ Available for UMRR-11 and TRUGRD products

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Cabinet Relay Option

- ✓ Module to implement applications without additional controller unit
- ✓ Incl. Power supply, circuit breaker, DIN rail
- ✓ Available for one, two, three or four sensors
- ✓ Suitable for all sensor types
- ✓ Avoid using long cables including multiple wires

VIEW
DATASHEET

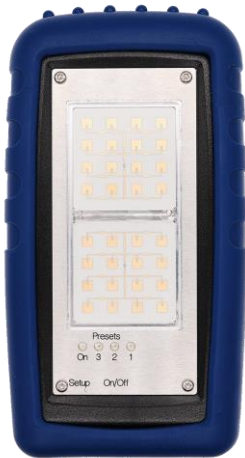
MISC.



Shield

- ✓ Cover to protect the sensor from snow, rain and sunlight
- ✓ Available for all sensor types

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EKTSDG

- ✓ Handheld electronic K-Band Simulator / Doppler Generator for 24 GHz radars
- ✓ Suitable for UMRR-11 Types 44 & 45, and TRUGRD products

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ADDRESS

s.m.s, smart microwave sensors GmbH

In den Waashainen 1

38108 Braunschweig, Germany

CONTACT

Phone: +49 531 39023-0

Fax: +49 531 39023-599

info@smartmicro.de

www.smartmicro.com

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