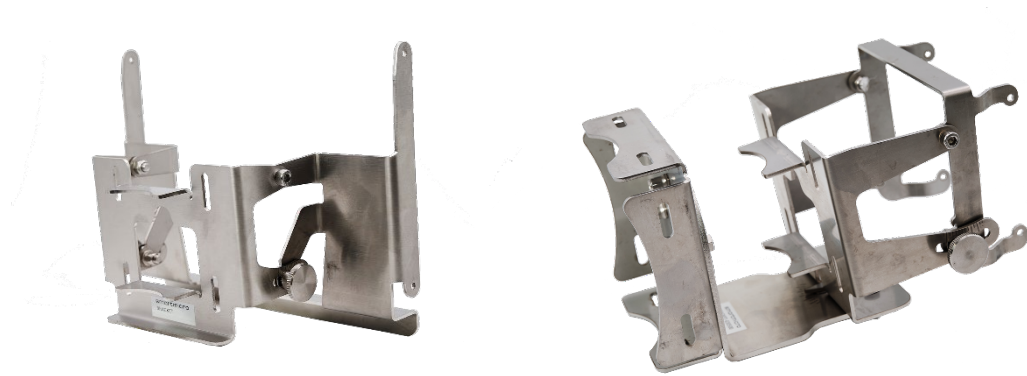


# DATASHEET

## AUTOMOTIVE ACCESSORY

### BRACKET



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## 1 USER SAFETY WARNING

Please read the entire document carefully before using the device.

### INSTALLATION

Please pay attention to the details below before installing and connecting the device:

- Only use provided or approved equipment for the operation.
- Only skilled and instructed persons shall install and connect the device.
- All connectors are pin-coded and fit in only one position.
- Be cautious when using the device on or around active roadways and pay attention to moving traffic.
- Make sure that test procedures are in accordance with local safety policies and procedures as well as company practices.

### OPERATION

Using a bracket does not influence the sensor performance.

Please note that the device is not waterproof. Take care of proper rain coverage when working outside. Do not operate the device if the device itself or any cables are damaged.



Do not dispose electrical and electronic equipment in household trash.

### TECHNICAL SERVICE

Only use provided or approved equipment for operation.

Do not attempt to service or repair this device:

- No user-maintainable parts are contained in the device.
- To avoid electrical shock, do not remove or open the cover.
- Unauthorized opening will void all warranties.
- smartmicro is not liable for any damages or harms caused by unauthorized attempts to open or repair the device.

### 3 PRODUCT SPECIFICATION

smartmicro brackets can be used to mount and adjust a smartmicro sensor for automotive applications. There are different kinds of brackets available:

- Straight brackets: for adjusting the elevation angle
- Advanced brackets: for adjusting azimuth and elevation angle

#### 3.1 STRAIGHT BRACKET

Straight brackets allow for adjustments of the elevation angle. The azimuth angle must be set by choosing an appropriate mounting position.

The following straight bracket is available:

Bracket Type	Sensor Compatibility
Straight Bracket S <sup>1</sup>	UMRR-11 Type 132

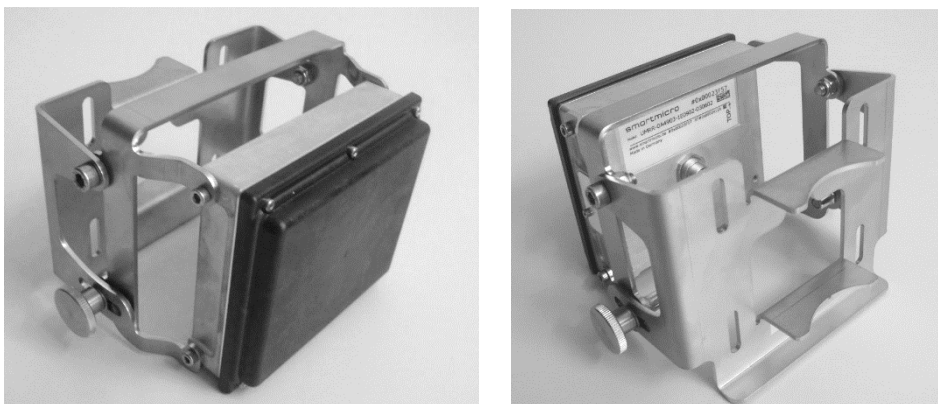
##### 3.1.1 STRAIGHT BRACKET S

The Straight Bracket S (previously referred to as BRACKET-030400) is compatible with the smartmicro automotive sensor UMRR-11 Type 132.

Product characteristics:

Parameter	Typical Values
Dimensions (W/H/D over all)	143 x 104 x 95mm   5.6 x 4.1 x 3.7in
Weight	340g   12oz
Material	Stainless steel, type no. 1.4301

Product images:



*Bracket, exemplarily attached to a sensor*

<sup>1</sup> Previously referred to as BRACKET-030400

### 3.2 ADVANCED BRACKETS

Advanced brackets allow for adjustments of both the azimuth and the elevation angle. They feature an angle scale that indicates the angle settings in increments of 5°. Horizontal and vertical bar mount are supported. The bracket orientation may be selected straight or right angled.

Following advanced brackets are available:

Bracket Type	Sensor Compatibility
Advanced Bracket S <sup>2</sup>	UMRR-11 Type 132

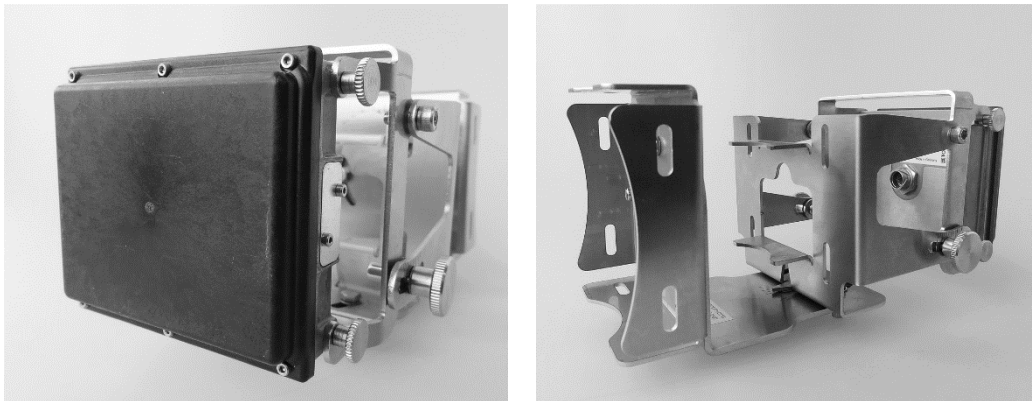
#### 3.2.1 ADVANCED BRACKET S

The Advanced Bracket S (previously referred to as BRACKET-030500) is compatible with the smartmicro automotive sensor UMRR-11 Type 132.

Product characteristics:

Parameter	Typical Values
Dimensions (W/H/D over all)	142 x 116 x 198mm   5.6 x 4.6 x 7.8in
Weight	965g   34oz
Material	Stainless steel, type no. 1.4301

Product images:



*Bracket, exemplarily attached to a sensor*

<sup>2</sup> Previously referred to as BRACKET-030500

## 4 LEGAL DISCLAIMER NOTICE

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