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## English - RADAR

### Installation manual - BTTS-RADAR

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# Installation manual - BTTS-RADAR

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This preparation manual applies when adding a BTTS-RADAR sensor to a BlipTrack measurement point.

The radar unit is provided as a standard product from a third party supplier.

Detailed information on the unit can be found from the supplier web-site.

Smartmicro: <http://www.smartmicro.de/>

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### **Storage of BlipTrack TS-RADAR:**

There are no special storage concerns to be observed for this unit.

This and other handling manuals (preparation, installation, troubleshooting, storage, maintenance and other general information) can be found on BLIP Systems web-

page:

<http://www.blipsystems.com/download/>

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## Installation manual - BTTS-RADAR

### Step 1 - Check the unit and the serial numbers

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1. Check by visual inspection that the units are undamaged.
2. Check the units for the installation have the correct serial numbers as reported to BLIP Systems.



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### - The radar

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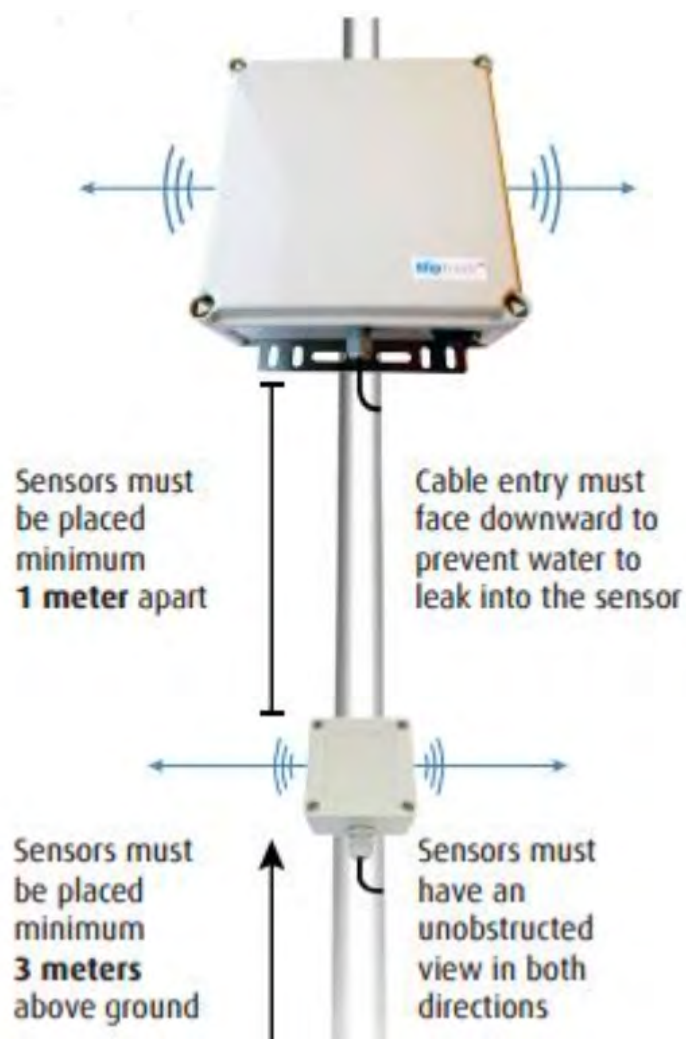


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### Step 2 - Mount the TS-RADAR unit safely at the measurement point

- The unit shall be placed at least 3 meters above ground level.
- The unit shall be placed at least 1 meter away from other BlipTrack sensors or any other radio based equipment to secure correct radio communication.
- The unit shall have unhindered line of sight to the traffic.
- The cable gland shall point downwards.
- Detailed information on the unit can be found from the supplier web-site.

[http://www.smartmicro.de/fileadmin/user\\_upload/Documents/TrafficRadar/UMRR-0A\\_CAN\\_RS485\\_Interface\\_INSTALLER\\_QUICK\\_REFERENCE\\_GUIDE.pdf](http://www.smartmicro.de/fileadmin/user_upload/Documents/TrafficRadar/UMRR-0A_CAN_RS485_Interface_INSTALLER_QUICK_REFERENCE_GUIDE.pdf)



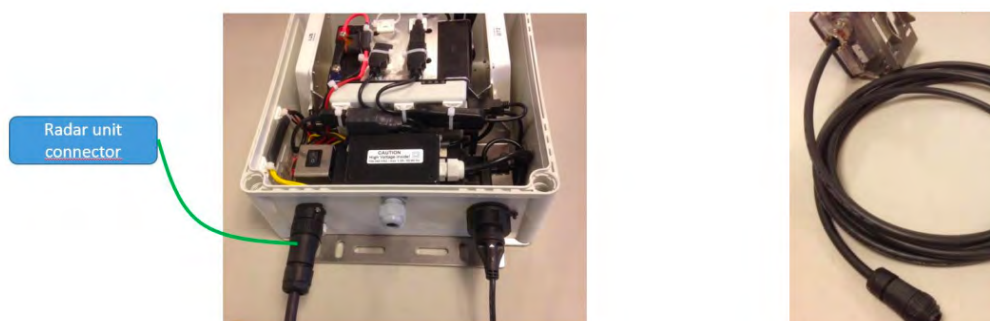
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### Step 3 - Attach the RADAR unit to the master unit

The TS-RADAR unit only connects to a special variant of master unit boxes having an extra connector.

1. Remove the protective cover from the connector on the master unit (keep it for later use).
2. Fasten the radar unit connector firmly to the connector of the master unit.
3. The IP classification is only guaranteed if the cable gland is pointing downwards.

The radar unit will automatically be detected by the Blip Server.



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### Step 4 - Check the radar unit on the Blip Server

1. Check after approx. 5 minutes that the radar unit becomes visible and Online on the Blip Server next to the master unit.
2. The customer specific URL with user name and password are provided by BLIP Support.

If needed BLIP Support can be contacted on:

[support@blipsystems.com](mailto:support@blipsystems.com) or phone +4598847202.

The radar unit is now linked to the Blip Server and ready for operation.

## BlipTrack™

### BlipNodes Status

Zone	Name	Address	Status
Blip	5102	00:0E:A5:00:8F:B8	Online
Blip	5102	00:0E:A5:00:8F:B9	Online
Blip	5102	00:0E:A5:00:8F:BA	Online
Blip_1	WFL_1	17:0B:47:00:8F:B8	Online
Blip_2	WFL_2	17:0B:48:00:8F:B8	Online
Blip_radar	Radar_1	17:0B:49:00:8F:B8	Online

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### - Supplier references

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- Smartmicro: <http://www.smartmicro.de/>
- Installation manual: [http://www.smartmicro.de/fileadmin/user\\_upload/Documents/TrafficRadar/UMRR-0A\\_CAN\\_RS485\\_Interface\\_INSTALLER\\_QUICK\\_REFERENCE\\_GUIDE.pdf](http://www.smartmicro.de/fileadmin/user_upload/Documents/TrafficRadar/UMRR-0A_CAN_RS485_Interface_INSTALLER_QUICK_REFERENCE_GUIDE.pdf)
- Datasheet radar unit: [http://www.smartmicro.de/fileadmin/user\\_upload/Documents/TrafficRadar/UMRR\\_Traffic\\_Sensor\\_Type\\_30\\_Data\\_Sheet.pdf](http://www.smartmicro.de/fileadmin/user_upload/Documents/TrafficRadar/UMRR_Traffic_Sensor_Type_30_Data_Sheet.pdf)
- Datasheet JBOX cover unit: [http://www.smartmicro.de/fileadmin/user\\_upload/Documents/TrafficRadar/JBOX\\_Junction\\_Box.pdf](http://www.smartmicro.de/fileadmin/user_upload/Documents/TrafficRadar/JBOX_Junction_Box.pdf)

