



## PT6 Fixed Vehicle Communication Device



The First LTE FVCD with Telematics Features for Fixed Installation

### Overview

The PT6 Fixed Vehicle Communication Device is the perfect choice to fit out a vehicle with a handsfree kit that satisfies the highest standards.

- Perfect reception due to connections for external antennas
- Excellent voice and audio quality
- Stand-alone system with SIM card tray
- Removable handset for discreet phone calls
- Individual adjustable restrictions
- Incoming and outgoing calls
- SMS messages
- Phone number restriction (FDN function)
- Reachability does not depend on the phone's battery
- Very safe from theft, loss or defect
- Enables several individual functions via digital I/O ports

### Features

- LTE / VoLTE in Europe and North America
- WiFi hotspot – Share your mobile internet connection
- Integrated GPS module
- Position location
- Route recording
- Geofencing, and much more
- Compatible with BRIDGE – the new web platform
- Extensive range of accessories
- 6 digital I/O ports (inputs and outputs)
- Also available as a fully integrated solution – PTVoiceBox 4G

### Extensive Range of Accessories

- Extension cords, speakers, hands-free microphones and gooseneck microphones, PTT button, etc.
- Control unit BE59 – fixed control panel;
- Phone calls only in hands-free mode
- Headset Unit (HSU) – headset adapter cable and headset with microphone mute switch



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## I/O Ports – Digital Inputs and Outputs

- Countless options for controlling, signalling and controlling external devices
- Example: Panic or emergency button When pressed, an SMS is unnoticeably sent to a previously defined number and a call is established
- Realization of PTT functionality (push-to-talk) in group and conference calls
- Remote control and adjustment via BRIDGE (<https://bridge.peitel.de/en>) possible

1 Mini USB

2 SIM card tray

3 WiFi antenna

4 GPS antenna

5 6x I/O Ports

6 LTE antennas

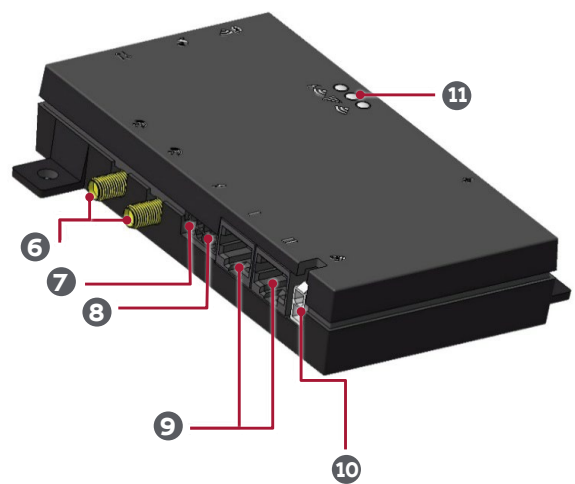
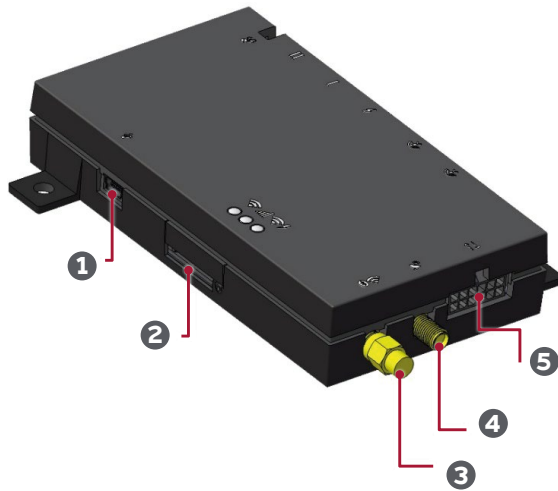
7 Speaker

8 Power supply

9 2x Interfaces

10 Microphone input

11 Status LEDs



## General Specification

|                       |  |
|-----------------------|--|
| Dimensions            | 140 x 98 x 26 mm (L x W x H)   |
| Weight                | approx. 165 g  |
| Operating voltageP/N  | 10 V to 32 V   |
| Power consumption     | Off: < 0,07 W; Idle: Approx. 1.5 W to 3 W (depending on the connected accessories) |
| Current consumption   | 2 A (in hands-free mode)   |
| Transmission power    | max. 2 W at 850/900 MHz; max. 1 W at 1800/1900 MHz                                 |
| SIM card holder       | Mini SIM card (2FF)  |
| Supported networks    | LTE, UMTS, GSM   |
| Wireless interfaces   | WiFi   |
| Storage temperature   | -30° C to +80° C   |
| Operating temperature | -20° C to +70° C   |

## Connection Specification

|                 |  |
|-----------------|--|
| Antennas        | 4x SMA (antennas not included) /LTE, WLAN & GPS  |
| Frequency bands | Europe: LTE B1(2100), B3(1800), B7(2600), B8(900), B20(800), B28A(700) / UMTS B1(2100), B3(1800), B8(900) / GSM B3(1800), B8(900)<br><br>NA: LTE B12(700), B14(70), B4(1700), B2(1900), B5(850), B13(700), B66(1700/2100), B71(600) / UMTS B2(1900), B4(1700), B5(850) |
| Data transfer   | Mini USB connection  |
| Digital I/Os    | Connection socket for I/O cable kit, max. current carrying capacity: 150 mA per connection; dielectric strength: 32 V  |
| Microphone      | Plug: Molex 5557; sensitivity: 700 mV/Pa (-3 dBV/Pa ± 3 dB) at 8 V/680 Ω   |
| Speaker         | Plug: 2 pole Molex; connection at power cable  |
| Power supply    | Power cable (permanent plus, ground, ignition)   |
| Interfaces      | RS232 with V24 level, USB 2.0  |