



[Communication]

[PT6 Fixed Vehicle Communication Device]

PEI TEL

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



lte/4G

GPS

HOTSPOT ((••))



PT6 Fixed Vehicle Communication Device

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

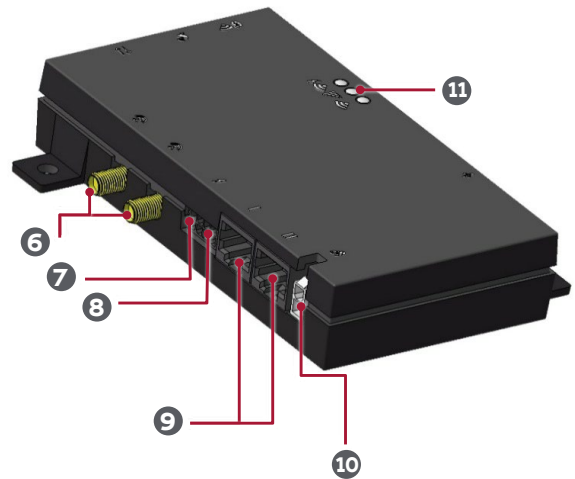
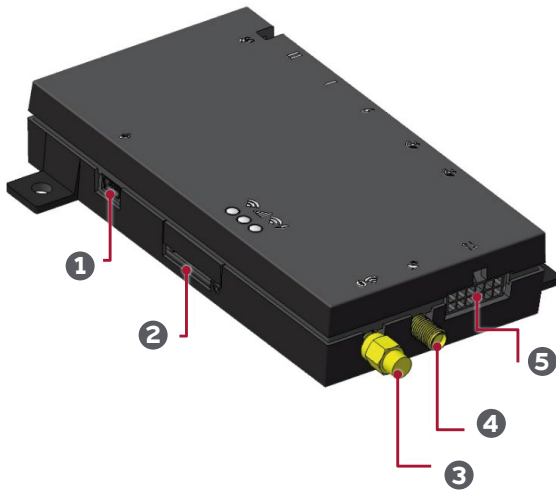
7 Speaker

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) 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