PTVoiceBox 4G (EU)

Compact 4G (LTE) module for voice and data transmission (M2M/IoT) with integrated GPS and Wi-Fi hotspot for the European market.

Article Number

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Characteristics

- LTE with multi-antenna (MIMO) technology and VoLTE support
- Wi-Fi hotspot
- Integrated GPS module
- Extensive Range of Accessories
- Excellent telephony and audio quality
- Optimal reception through various connections for external antennas
- Stand-alone system with SIM card holder (Mini SIM 2FF)
- Removable handset for discreet phone calls
- 6 digital I/O ports
- Individually adjustable restrictions
- Programming interfaces: AT commands via USB, RS-232, SMS or MQTT
- Remote configuration via the online platform Bridge

Scope of delivery

- Connection diagram plan
- PTVoiceBox 4G (EU) voice and data module
- Power supply cable

Options

- Software Feature "Hidden Emergency Call“ (6999-012-000-00)
- Software Feature "Automatic Redialling“ (6999-013-000-00)

Application range

- Company Cars and Fleets
- Safety and Emergency Services
- Transport and Logistics
- Taxis and Buses
- Car Rental Agencies
- Limousine Services
- Boats and vessels
- Agricultural, construction and forestry machinery
- Campers, caravans and outdoor equipment

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Änderungen und Irrtümer vorbehalten. Abbildungen ähnlich.
Specifications subject to change. Product may differ from Image.
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- Fixed application, like for example cabins, roadside emergency phones
- Waste management

Accessories

- HA59 as second handset (package) (6508-006-100-51)
- ME16 hands-free microphone (6922-001-002-51)
- KL18 loudspeaker (6601-011-000-51)
- Headset adapter cable with headset (6609-002-000-51)
- TF1 PTT button with gooseneck (6703-007-000-51)
- ME251 gooseneck microphone (6908-005-002-51)
- 2.5 m extension cable for the HA59 handset (6098-260-005-51)
- 5.0 m extension cable for the HA59 handset (6098-260-007-51)
- I/O cable kit (6708-004-000-00)

Specifications

General

Dimensions	Width 96 mm (72 mm w/o retaining tabs), length 132 mm, height 26 mm
Weight	165 g (5.8 oz)
Technology	LTE, UMTS, GSM, Wi-Fi, GPS
Networks	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)
Wi-Fi	Wi-Fi 4 (802.11n); 2.4 GHz
USB port	PTVoiceBox as a LTE modem
Phone book memory	Integrated memory for up to 5.000 contacts 3 numbers each (business, private, mobile)
Storage temperature	-30 °C to +80 °C
Operating temperature	-20 °C to +70 °C
Power supply	Operating voltage: 10 V to 32 V (Perfect for passenger cars and trucks)
Virtual ignition	Perfect for vehicles without ignition cable: When enabled, the PTCarPhone detects changes in the power supply and turns on automatically when the engine is started.

Connection ports

Electronics box and cable set	
	• LTE antenna (SMA, 2x) • GPS antenna (SMA) • Wi-Fi antenna (SMA) • SIM card holder (Mini SIM card, 2FF) • 2 ports for handsets (RJ50 western plug, RS232 with V24 level) • USB port (Mini-USB 2.0, Modem function for data transfer) • Hands-free microphone (Plug: Molex 5557, Sensitivity: 700 mV/Pa (-3 dBV/Pa ± 3 dB) at 8 V/680 Ohm) • Cable set (inclusive power supply, speaker connection and radio mute connection) • Speaker (Plug: 2-pole Molex (supply cable)) • 6 digital I/Os (Connection ports for I/O cable kit, max. current rating: 150 mA per connection, electronic strength: 32 V)
Connections to the vehicle	Permanent plus, ignition, gth 32 V) radio mute