

PTVoiceBox

M2M and IoT module for voice and data transmission (UMTS)

Article-No.: 6609-005-130-51

Characteristics

- Mobile phone networks:
 - Quad band GSM, GPRS/Edge, UMTS/HSPA+
 - GSM: 850, 900, 1800, 1900MHz
 - UMTS (3G): 800/850, 900, 2100MHz
- Additional mobile phone features:
 - Emergency call function (112/911)
 - SMS capability
 - Concatenated SMS (up to 4 x 160 characters per message)
- Data transfer speed:
 - Upload: Up to 5.76 Mb/s
 - Download: Up to 7.2 Mb/s
- Control over 6 digital inputs and outputs (I/Os), which can be configured separately (see also: I/O interface manual www.ptcarphone.com/en/downloads.html)
- Required SIM card: Mini SIM card (2FF)
- Configuration with commands via USB, SMS or MQTT
- Command description: AT commands of the PTCarPhones www.ptcarphone.com/en/downloads.html
- Communication settings for the RS 232 interface
 - Baud rate: 115200
 - Parity: none
 - Data bits: 8
 - Stop bits: 1
 - Handshake: OFF
- Scope of Delivery: Module, supply cable, instructions manual

Versions

Art. No.	Description
6609-005-130-51	PTVoiceBox

Optional Accessories

Art. No.	Description
2921-049-000-51	ME 15 evo - Hands-free microphone
6601-011-000-51	KL 18 - Speaker 8 Ω
6708-004-000-00	I/O Cable Kit - Housing of the plug and 12 wires for 6 digital inputs and outputs
2908-029-000-51	ME251 - Gooseneck microphone; gooseneck length 300 mm, inclusive mount



Specifications

General	
Housing:	Plastic, black
Operating voltage:	10 to 32 V
Power input:	- Off <0.07 watt - Standby: about 1.5 W to 3 W (depending on connected accessories) - Max. power consumption during hands-free mode: 2 A
Maximum transmission power:	- 850/900: MHz 2 watt - 1800/1900: MHz 1 watt - UMTS: 0.25 watt
Storage temperature:	-30° C to +80° C
Operating temperature:	-20° C to +70° C
Dimensions & Weight	
Dimensions :	Width: 96 mm (72 mm without retaining tabs), length: 133 mm, height: 25 mm
Weight :	143 g
Connections	
Antenna connection:	FME (antenna not in scope of delivery)
Data transfer:	Mini USB connection
I/O:	Connection socket for I/O cable kit
Microphone:	Plug: Molex 5557 Sensitivity: 700 mV/Pa (-3 dBV/Pa ± 3 dB) at 8 V/680 Ω
Speaker :	Connector at the supply cable Plug: 2-pole Molex
Power supply:	Over the supply cable (permanent positive, ground, ignition (either use a switch or connect to permanent positive for constant operation))
Interfaces:	RS232 with V 24 level, USB 2.0