

PETRA

Pressure Enhanced Tire Radio Access

Product Information V1.1 2019/06/11

4-Chanel System with CAN-Bus Output



System Features:

- Valve Cap Replacement
- Wireless communication in worldwide available 2.4 GHz frequency band: 2.4000 - 2.4835 GHz
- 16 Radio Channels with 5 MHz spacing (not overlapping)
- Pressure Sensor from 0..5 Bar (different range on request)
- 16 Channel Receiver
- CAN Bus Interface (CAN ID adjustable)
- USB Interface (USB 1.1 / 2.0)
- Automatic Interference Detection
- Easy Installation
- Multi LED Indication
- Robust Design
- PC Software for Configuration

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Sensor Electronics
System Solutions
Telemetering
Hardware
Software

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Transmitter Features:

- Battery Lifetime up to 4 Weeks
- Automatic Connection
- No Interference with Multiple System in Parallel
- Small Batteries CR1632
- Weight less than 10g

Receiver Features:

- Automotive Onboard Voltage 9V...16V
- USB Port (Type B)
- Can Bus Interface SUB-D
- SD Card optional
- Standard measurement Interval 1s
(free configurable up to 0.1s)



Systems Standard Accessory:

- antenna
- power connector (12V DC banana plug and car connector)
- suitcase
- Power connector (12V DC Banana Plug)
- PC Software for Configuration

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