



TS124G is a 4G device used to send telemetry data in real time. It allows data transmission to one or more connected PCs and, if covered by 4G Network, the transmission occurs in any place. Regarding data receiving, only an Internet connection is necessary.

Thanks to this kind of data transmission, transmitters and other additional systems are no longer necessary.

Furthermore, the system is compatible with all Bosch and Motec devices and it is possible to connect it to any different logger if provided with RS232 data transmission.

### SPECIFICHE TECNICHE

#### Electrical Data

**Operating Temperature** from -40°C to +85°C

**Supply** from 5V up to 36V

**Baudrate** 115200 (Default)\*

#### RS232

Mini-SIM Port ISO IEC 7810:2003, ID000 (25x15x0.76 mm)

#### Data Interface:

**Transmitter** RS232

**Receiver** UDP via Internet

\*Other compatible Baud Rates: 9600 - 19200 - 38400 - 57600

#### Internet coverage

#### LTE, UMTS E GSM/GPRS Worldwide:

**LTE** 800/850/900/1800/2100/2600 MHz  
[Max 100Mbps (DL) Max 50Mbps (UL)]

**UMTS** 850/900/2100 MHz

**GSM** 850/900/1800/1900 MHz

#### Connectors

**On Modem** AS008-35PN

**Mating Connector** AS608-35SN

2x Antenna Connector

#### Mechanical Data

**Dimensions (L x W x H)** 111 x 76 x 43 mm

**Weight** 326 g

#### LED Indicators

**Red** LED PWR

**Green** LED WAN

**Yellow** LED DAT

**Blue** LED SYS

#### PIN OUT

#### AS008-35PN (RED)

**1** +12V

**2** GND

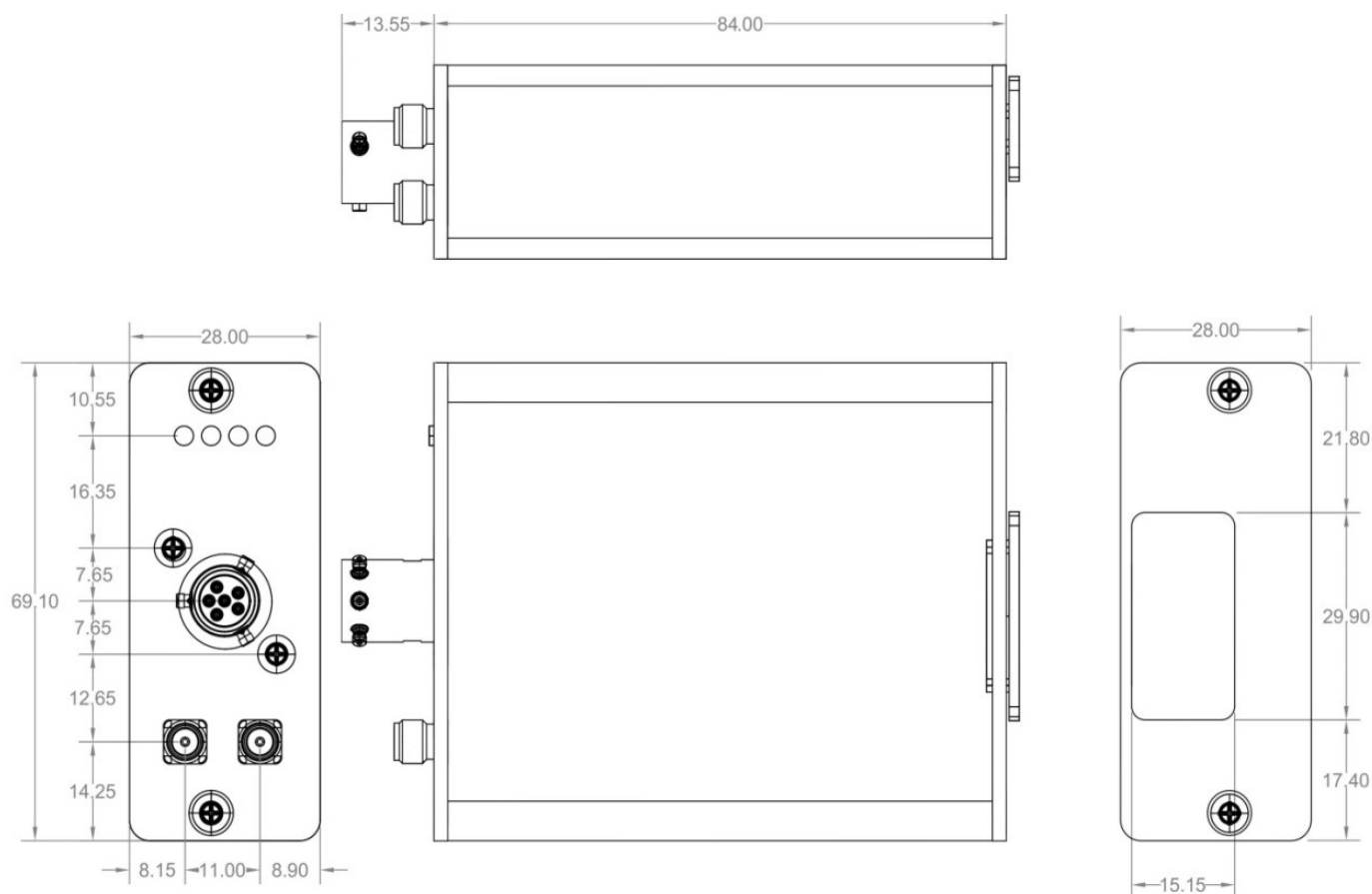
**3** RS232 RX (telemetry side)

**4** RS232 TX (telemetry side)

**5** GND

**6** -

## DIMENSIONS



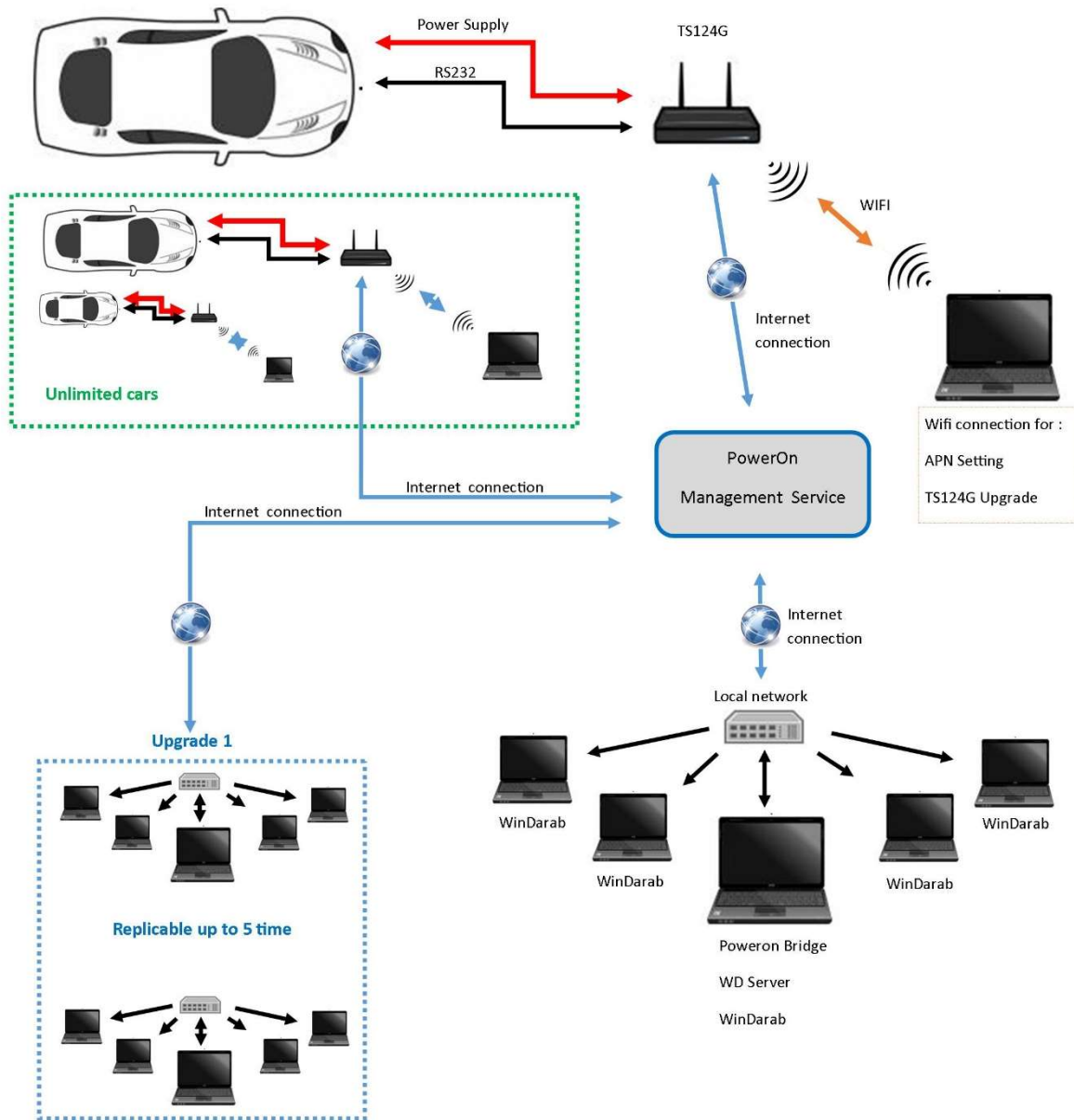
all dimensions are shown in mm

## POWER ON BRIDGE

TS124G is provided together with its own software, called "Power On Bridge". To be able to use it and enjoy all features which software brings with it, download it from here: [t1.powerontelemetry.it](http://t1.powerontelemetry.it)

On our website would be also possible to download a digital copy of our datasheets and manuals, together with a redirection to Bosch website where you can download Bosch software necessary to allow all functionalities of the telemetry system.

## SYSTEM LAYOUT



## PART NUMBERS

|                      |  |
|----------------------|--|
| <b>P 002 006 102</b> | TS124G Kit with generic wiring loom (free end)       |
| <b>P 002 006 112</b> | TS124G Kit with customized loom for Mercedes         |
| <b>P 002 006 122</b> | TS124G Kit with customized loom for Lamborghini/Audi |
| <b>P 002 006 132</b> | TS124G Kit with customized loom for Porsche          |