





# **Telic LT910-WW IoT terminal**

## LTE Cat.1 terminal for worldwide use

The LT910-WW is a compact and robust IoT terminal designed for the use in the LTE network with fallback to the UMTS / GSM network. The device is based on the Telit LE910C1-WWX module and supports a large number of LTE frequency bands and therefore can ideally be used in applications with a global footprint.

The terminal provides industrial standard interfaces and guarantees safe, fast and reliable data transfer. The integrated power-saving mode supports the use in applications where low power consumption is required.

The LT910-WW terminal is the quickest way to integrate wireless connectivity in your global IoT application.

### **Key features**

- Based on Telit LTE Cat. 1 module LE910C1-WWX with UMTS/GSM fallback
- 16 LTE frequency bands for global use across EMEA/North America/APAC/LATAM
- Interfaces: Power supply; SIM card holder lockable; FME antenna connector; RS232 (V.24/V.28) on Sub-D; USB
- Supply Voltage: 5-32V DC
- Operation temperature: -30°C +80°C
- Support of low-power mode
- Robust & compact housing for industrial use
- Housing is mechanically compatible with GT910-G, HT910-E (G), LT910-E
- Firmware Over-The-Air (FOTA) Update
- Optional variants on request: e.g. USB powered
- Extensive range of accessories

## Sample applications

- Monitoring of vending machines
- Monitoring of data from industrial plants
- Intelligent control and monitoring of power grids
- Transmission of meter readings from electricity, gas and water meters
- Live transmission of video images
- Monitoring of heating, ventilation and air conditioning



# **Solutions Start Here**

# **Technical specification**

#### **General features**

- Module designation: LE910C1-WWX (Telit)
- LTE FDD Cat.1, 3GPP release 10 compliant
- 4G frequency bands:
   B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B18/B25/B26/B19/B20/B28
- 3G frequency bands: B1/B2/B4/B5/B6/B8/B19
- 2G frequency bands:
- B2/B3/B5/B8
- Supply voltage range: 5-32V DC
- Power consumption (@12V)
  - Active Mode: tbdSleep Mode: tbd
- Operational temperature range: -30°C to + 80°C
- IP protection class: IP40
  Dimensions: 77 x 66 x 26mm
  Weight: approx. 91g

#### **Data transmission rates**

- LTE Cat. M1
  - Uplink up to 10 Mbps
  - Downlink up to 5 Mbps

## Functionality

- Built in UDP/TCP/FTP/SMTP stack
- IPv4/IPv6 stack
- Control via AT commands according to 3GPP
- TS 27.005, 27.007 and Telit custom AT commands
- SIM application Tool Kit 3GPP TS 51.014
- OMA-DM TelitSoftwareManagement

#### Interfaces

- Power connector6P6C modular jack
- RS-232 interface
   DSUB 9-pin female
- USB 2.0, connector mini USB
- Antenna connector FME (male)
- SIM card holder (Mini) - 1.8V and 3.0
- SIM chip option
- 3 Status LEDs

## Software

Telit application development environment:
AppZone C

### Approvals

- CE
- WEEE, RoHS and REACH compliant

### **Accessories (example)**









Power supply

Stub antenna

Roof screw antenna

Magnetic base antenna