Rapid IoT Solution Development Kit

Product Description

The Rapid IoT Solution Development Kit lets you deploy any end-to-end IoT proof of concept quickly and easily, by providing instant access to the industry’s most comprehensive set of tools and resources in a single IoT platform: connectivity management, device management, data management, administration and security, and application development.

The Rapid IoT Solution Development Kit comes in both a stand-alone mode via Telit’s on-module local processing power and an interface mode with easy-to-access headers for the most common Open Hardware Platforms such as TI launch Pad, Raspberry PI, and Arduino.

The Kit provides a robust and flexible environment to streamline all application development based on Telit HSPA+, UMTS, and CDMA module families, and the easiest way to plug into the powerful deviceWISE IoT platform.

Temperature Sensors and Accelerometers help you collect data from your environment without the need for add-ons and making the connection between your “things” to your “apps” easy. I²C bus and serial port expandability let you prototype with any possible combination of your own sensors.

With Telit’s pay-as-you-grow billing plan, you start for free and scale the moment you’re ready, perfect for prototyping all the way through to large-scale commercialization.

Key Benefits

- Things to Apps in record time with free Connectivity and Platform trial accounts
- Stand-Alone Mode via Telit Cellular Module’s On-board Processing
- Interface Mode with your Favorite Open Hardware Platforms, including:
  - TI LaunchPad
  - Raspberry Pi
  - Arduino

ENABLING END-TO-END IoT SOLUTIONS
Product Features

- Headers for TI LaunchPad, Raspberry PI 2, Arduino shields
- Global 3G/2G Fallback Telit Cellular Module (HE910-GL)
- Telit GPS/GNSS Capabilities (Jupiter SL869)
- SIM card holder (2FF or 3FF)
- Cellular and GPS Antenna Port
- Accelerometer/Gyroscope/Temperature sensor
- Reset button
- Jumpers for different configurations
- Rechargeable battery/ built in battery charger / Battery monitor
- Various power supply options: Battery (3.7 V), External DC power supply (2.2-16.0 V), USB port, External boards (3.3 – 5.0 V)

Product Interfaces

- 2 potentiometers / 2 latch switches
- 6 total LEDs indicators (3 programmable)
- RS332 / Mini USB serial ports
- Analog / Digital Audio Interfaces
- GPIOs / I2C available on the interface headers

KIT Included Accessories

- Serial Cable
- Mini USB Cable
- Cellular Antenna
- GPS/GLONASS Antenna
- Power Supply
- Battery
- Telit IoT Connectivity SIM

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