



**Telit**® wireless solutions  
Making machines talk.™

# HE910T-3G

UMTS/HSPA TERMINAL

The HE910T-3G terminal is a complete encased modem solution which combines the access to digital communication services in UMTS, HSPA, GSM, GPRS, EDGE networks. HE910T-3G is the new generation UMTS terminal based on the penta-band and HE910 core engine incorporating additional and new features like Python 2.7 support.

## SPECIFICATIONS:

### Mechanical

- Dimensions: 85 x 70 x 33 mm,
- Weight: 140 grams.

### Key Features

- Quad-band EGSM: 850/900/1800/1900 MHz, Penta-band UMTS / HSPA: 800/850, 900, AWS1700, 1900, 2100 MHz,
- Embedded Python Version 2.7,
- USB Port (HS),
- RS232 interface (DB9-Female),
- Analog Audio Support (Mono-Mic&Ear),
- 2 Digital Inputs, 2 Digital Outputs, 1 ADC.

### Interfaces

- GPIO Socket (2 outputs, 2 inputs, 1 ADC)
- D-type 9 pin RS-232 connector,
- USB Port (HS),
- SMA female, 50 Ohm RF connector,
- 2.5mm jack (Mono Mic, Mono Ear),
- Power Socket (PWR, GND, RST),
- On board SIM card holder(Push-Push Type),

### Product Features

- Supported bands  
-EGSM: 850/900/1800/1900 Mhz,  
-UMTS / HSPA: 800/850, 900, AWS1700, 1900, 2100 MHz,
- SIM Access Profile,
- Control via AT commands,
- Serial port multiplexer 3GPP TS27.010,
- SIM application Tool Kits 3GPP TS,
- Built in UDP/TCP/FTP/SMTP stack,
- Extended temperature range:  
- 40°C to +85°C (Operational),
- Status and Power Leds

## APPLICATIONS



**Security of premises**  
24/7 Home security, reports about the breach



**Control**  
Remote electrical equipment control



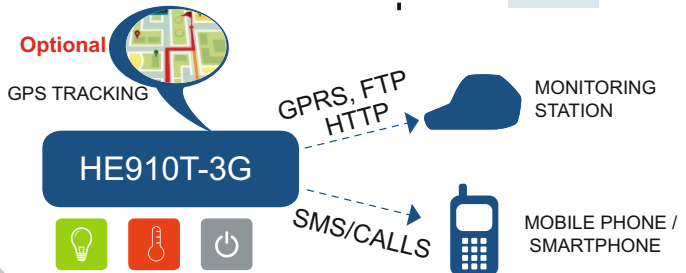
**Real time monitoring**  
Instant alerts of connected devices

## PROGRAMMING



### Python\* application resources

- Python ver. 2.7 script interpreter (module takes the application code directly in the Python\* language)
- Memory: 1.9 MB of NV me-mory for the user scripts and 1.2 MB RAM for the Python\* engi-ne usage
- Over-the-air application SW update
- IIC Bus and SPI Bus controlled in Python\*



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