HT910 E

The dual band 3G terminal for industrial grade M2M applications

The HT910 E is a self-contained terminal featuring the latest technology from Telit.

As a dual-mode GSM/UMTS terminal operating in the GSM 900 / 1800 MHz and the UMTS 900 / 2100 MHz frequency bands, it can be deployed in all of Europe as well as a wide range of additional countries where these frequencies are available from network operators.

HT910 E is targeted towards System Integrators developing M2M applications that require access to 3G networks not only for high-speed connections, but that also require 3G to future-proof their applications or have additional data carrier options in order to improve the reliability of their applications. Therefore, both interfaces RS232 for standard industry applications as well as USB 2.0 for high-speed connections are supported.

Additionally, the HT910 E is one of very few terminals on the market which offers programming capabilities using the Python scripting language, thus giving System Integrators an additional layer of flexibility.
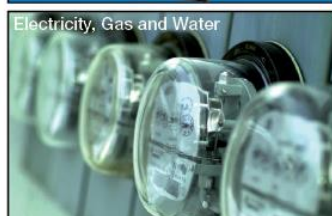
Key Benefits
- Exceptional price/performance ratio
- Programmable 3G terminal
- Deploy in all European markets and a multitude of additional countries supporting the 900 & 2100 MHz bands
- Flexibility to use RS232 or USB 2.0 interface depending on your application's needs

Key Features
- Dual band GSM & UMTS terminal
- Telit AT command set
- HSPA: DL 7.2 Mbit/s; UL: 5.7 Mbit/s
- RS232 (Sub-D)
- USB 2.0 (Mini-USB)
- 1 analogue input

Sample applications
- High-bandwidth digital signage
- Remote video surveillance
- Bulk data transmission (e.g. traffic statistics)

EFT/POS and Vending

Security Applications

Electricity, Gas and Water

Metering Applications

Medical Applications

Digital Signage

GSM / GPRS
- GSM / GPRS Frequency Band: Dual Band (900 / 1800 MHz)GPRS
- Output power: Class 4 (2W) for GSM900
- Output power: Class 1 (1W) for GSM1800

EDGE
- EDGE DL / UL Datarate: 237 kbps
- EDGE Class: 12
- Output power: Class E2 (0.5 W, 27 dBm) @ EDGE 900
- Output power: Class E2 (0.4W, 26 dBm) EDGE 1800

UMTS / HSPA
- 3G Frequency Bands: UMTS Dual Band (900 / 2100 MHz)
- 3GPP Rel-7 compliant
- HSPA DL / UL Category: Cat. 8 / 6
- HSPA DL / UL Datarate: 7.2 / 5.76 Mbps
- UMTS DL / UL Datarate: 384 kbps
- Output power: Class 3 (0.25W, 24 dBm) @ UMTS

Mobile Network Features
- CSD
- SIM Access Profile
- SIM Application Toolkit: 3GPP TS 51.014
- SMS Service supported

TCP/IP Stack
- Built in UDP/TCP/FTP/SMTP stack

Special features
- Python, version= 2.7.2
- Non Volatile Memory: 2 MB

Software
- AT Command Support: TS 27.005, 27.007 and Telit custom AT
- Firmware Update: FOTA

Inputs / Outputs
- Analog Inputs: 1
- Outputs: 1 (Optional)

Interfaces
- RS232 Interface: D-Sub (9-pin)
- Antenna: FME
- USB 2.0: Mini-USB
- RJ11: Power+IOs
- Robust 1,8/3 Volt SIM Card Holder
- LEDs: 1 GSM + 2 Configurable

Electrical Characteristics
- Voltage Range: 5V - 32V
- Standby (@ 12V): ~ 20 mA (*)
- Low Power Mode (@ 12V): ~10 mA (*)

Hardware Characteristics
- Operating Temperature: -30°C + 80°C
- Size: 77x66x26 mm
- Weight: 80g

Certificates CE

Optional Features
We can develop customized terminals according to your specialized requirements. Please contact your local sales representative or our headquarters to discuss your requirements.

(*) Measurement (including peaks) averaged over a 1 min interval.

Accessories (exemplary)

Power Supply

RS232 Cable

DIN Rail

Stub Antenna

Rectangular Antenna

Roof Antenna

Magnetic Antenna