

## Telic-based terminals for wide range of IoT applications

### Telic IoT terminals are based on the latest cellular technologies

Telic offers a wide range of industrial terminals for the GSM and LTE cellular network. All terminals are equipped with Telit modules. The terminals are ideal if you want to establish a wireless connection to a mobile or stationary application.

All terminals provide industrial standard interfaces and guarantee safe, fast and reliable data transfer. The integrated power-saving mode supports the use in applications where low power consumption is required.

The Telic IoT terminals are the quickest way to integrate wireless connectivity in your global IoT application.

#### Advantages & key features

- Stationary applications can be monitored remotely, service calls reduced and optimized
- Fallback options if a cellular technology fails temporarily
- 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 - +75°C
- Support of low-power mode
- Robust & compact housing for industrial use
- 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
- Monitoring of heating, ventilation and air conditioning



## Product overview of Telit-based IoT terminals

Cat.	Characteristics	GT910-G	NT910-G	LT910-WW
	Item number	06308	06311	06314
Mobile radio	Module	Telit GE910-QUAD	Telit ME910C1-WW	Telit LE910C1-WWX
	GSM/GPRS Frequency bands	GSM(850), EGSM(900), DCS(1800), PCS(1900)	B2(1900), B3(1800), B5(850), B8(900)	B2,B3,B5,B8
	UTMS	-	-	B1,B2,B4,B5,B6,B8,B19
	LTE Frequency bands		B1(2100), B2(1900), B3(1800), B4(AWS1700), B5(850), B8(900), B12(700), B13(700), B18(800), B19(800), B20(800), B26(850), B28(700)	B1,B2,B3,B4,B5,B7,B8,B12, B13,B14,B18,B25,B26, B19,B20,B2
	LTE Category	-	Cat. NB1+Cat. M1	Cat. 1
	LTE DL	-	Cat. M1: up to 300 Kbps Cat. NB1: up to 21 Kbps	up to 10 Mbps
	LTE UL		Cat. M1: up to 375 Kbps Cat. NB1: up to 62,5 Kbps	up to 5 Mbps
Connectors	D-Sub (9-pin)	1x (RS232)		
	USB	1x mini-USB (USB 2.0)		
	RJ11	1x power supply + optional 1x analog input + 1x optional output		
	FME	1x (antenna)		
Features	SIM card holder	1x (1,8V /3V)		
	LEDs	1x Mobile Comm.	1x Mobile Comm., 2x configurable	
	Real time clock Configurable via AT command	X	X	X
	Analog input	X	X	
	Output	X	X	X
Software	AT command sets	Hayes Compliant, TS 27.005, 27.007 and Telit specific		
	Programming language	Python or C APIs for Telit AppZone	C APIs for Telit AppZone	C APIs for Telit AppZone
	Firmware update	RS232, USB or FOTA	USB or FOTA	USB or FOTA
	TCP/IP Stack	UDP, TCP, FTP, SMTP	TCP, UDP	UDP, TCP, FTP, SMTP
Power supply	External voltage range	5 – 32 V		
	Typical power consumption Idle Mode @12V	~19 mA	~13mA	~12mA
	Typical power consumption Power saving mode @12V	~2 mA	~3mA	~1,2mA
Hardware- properties	Operating temperature	-30 °C up to +75 °C		
	Size	77x66x26 mm		
	Weight	91g		
Approvals	CE	X	X	X
	WEEE	X	X	X
	RoHS & REACH	X	X	X