

DATA SHEET TELIT ME910C1-WW WIRELESS MODULE

KEY BENEFITS

Design once and deploy globally with the swappable xE910 form factor family

Perfect platform for regional IoT applications such as smart metering, security & surveillance, point of sale, health monitoring, fleet management, asset tracking and wearable devices

Ideal for numerous IoT applications, CAT M1 modules are optimized for efficient power consumption and enhanced coverage

WorldWide Single SKU with multi-band support: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28

NETWORK

3GPP Protocol Stack Compliance	Release 13
Support for TS.34 IoT Communication Efficiency	None
Wireless Protocol Support	
2G/GPRS	Supported
3G/UMTS	None
4G/LTE	None
LTE-M	Supported
NB-IoT	Supported
Frequency Band Support	
2G Bands (MHz)	B2(1900), B3(1800), B5(850), B8(900)
3G Bands (MHz)	None
4G Bands (MHz)	None
LTE-M	B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28
NB-IoT Bands (MHz)	B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28
3GPP Classes / Categories	
CSD	None
GPRS Multislot Class (DL/UL)	None
EDGE Class (DL/UL)	None
HSDPA Category (DL)	None
HSUPA Category (UL)	None
LTE Category	None
LTE-M Category	M1 1)
NB-IoT Category	NB1
Short Message Service (SMS)	Text, PDU mode
Speech Codecs	None
Protocol Support	UDP, TCP, IPv4/6
Firmware Updates	UART
Integrated Positioning Technology	

GPS	Supported
GLONASS	Supported
Control Plane A-GPS Support	None
SUPL A-GPS Support	None
Regulatory	
eCall	None
Standalone / Assisted GNSS	GPS, GLONASS, BeiDou/Compass, Galileo, QZSS
TTY	None

HARDWARE

Dimensions (L x W x H, mm)	28.2 x 28.2 x 2.2
Weight (g)	< 3
On-board Memory	None
Operating Temperature – Extended Operation (°C)	-40°C to +85°C
Supply Voltage Range (V)	3.4 – 4.2
Interfaces	
USB 2.0 (480 Mbps)	Supported
ASC0 HS Serial Modem	None
GPIO Lines	10
UICC and U/SIM (1.8 V/3 V)	1.8 V / 3.0 V
ADC and I2C	I ² C
Digital Audio, prepared for Analog Audio	None

1) Device not certified by Deutsche Telekom for LTE-M deployment



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CERTIFICATION DETAILS

GMA Certification	None
Deutsche Telekom Certification Date (Initial Firmware)	MOB.800003
Certified Deutsche Telekom Affiliates	AT, CZ, DE, HR, NL, PL, SK
Certifying Entity	DTAG ITS-IVA
DT Certification Type (Conditions)	Full
Deutsche Telekom Affiliate Country Codes	
AT	T-Mobile Austria GmbH
CZ	T-Mobile Czech Republic a.s.
DE	Telekom Deutschland GmbH
GR	COSMOTE Mobile Telecommunications S.A.
HR	Hrvatski Telekom d.d.
HU	Magyar Telekom Telecommunications plc
ME	Comrgski Telekom a.d. Podgorica
MK	Makedonski Telekom AD – Skopje
NL	T-Mobile Netherlands B.B.
PL	T-Mobile Polska S.A.
RO	Telekom Romania Mobile Communications S.A.
SK	Slovak Telekom, a.s.



CONTACT

Deutsche Telekom AG
Friedrich-Ebert-Allee 140
53113 Bonn
iot-device-support@telekom.de



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