

DATA SHEET TELIT GE910-QUAD V3 WIRELESS MODULE

Cost-optimized, long-term available 2G variant

Two ITU-T V.24 UART interfaces, ten 1.8 V I/O ports

Key Benefits

TCP/IP and UDP/IP stacks

Supports IoT LOCATE, a Telit portal-based service providing device's position based on observed cellular CellIDs

Python Script Language interpreter

Voice-capable supporting both analog and digital (DVI) interface

Network

3GPP Protocol Stack Compliancy	Release 4
Support for TS.34 IoT Communication Efficiency	Partial (NFM)
Wireless Protocol Support	
2G/GPRS	Supported
3G/UMTS	None
4G/LTE	None
Frequency Band Support	
2G Bands (MHz)	850, 900, 1800, 1900
3G Bands (MHz)	None
4G Bands (MHz)	None
3GPP Classes/Categories	
CSD	V.110 (9.6 kbps)
GPRS Multislot Class (DL/UL)	10 (64.2 kbps, 42.8 kbps)
EDGE Class (DL/UL)	None
HSDPA Category (DL)	None
HSUPA Category (UL)	None
LTE Category	None
Short Message Service (SMS)	Supported (Text, PDU, Cell Broadcast, Phonebook)
Speech Codecs	FR, HR, EFR, AMR
Firmware Updates	Premium over-the-air update service

Positioning Support

GPS	None
GLONASS	None
Control Plane A-GPS Support	Supported
SUPL A-GPS Support	Supported

Regulatory

eCall	Supported
Standalone/Assisted GNSS	None
TTY	None

Hardware

Dimensions (L x W x H, mm)	28.2 x 28.2 x 2.25
Weight (g)	3.6
On-board Memory	5 MB File system, 800 kB NV memory for User Scripts, 1 MB RAM for Python Engine
Operating Temperature - Extended Operation (°C)	-40 °C to +85 °C
Supply Voltage Range (V)	3.22 - 4.5
Interfaces	
USB 2.0 (480 Mbps)	Supported
ASC0 HS Serial Modem	Supported
GPIO Lines	Supported
UICC and U/SIM (1.8 V/3 V)	1.8 V Supported; 3 V only with external connector
Module ON/Reset	Supported
ADC and I ² C	Supported
4-Wire HS Serial Interfaces ASC1	Supported
Analog Audio	None
Digital Audio	Supported



LIFE IS FOR SHARING.

DATA SHEET TELIT GE910-QUAD V3 WIRELESS MODULE

Certification Details

GMA Certification	Yes
Deutsche Telekom Certification Date (Initial Firmware)	16.01.143 (19.04.2017)
Certified Deutsche Telekom Affiliates	AL, AT, CZ, DE, GR, HR, HU, ME, MK, NL, PL, RO, SK
Certifying Entity	DTAG IDU-TIV
DT Certification Type (Conditions)	Full (Limited implementation of DT modem settings requirements)

Deutsche Telekom Affiliate Country Codes

AL	Telekom Albania
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	Crnogorski Telekom a.d. Podgorica
MK	Makedonski Telekom AD – Skopje
NL	T-Mobile Netherlands B.V.
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



LIFE IS FOR SHARING.