

USB LTE/GNSS Dongle



Applications:

- Vending
- Asset Tracking
- Fleet management
- Mobile IoT solutions



Customize branding available



LTE Cat 1 bis



USB A/2.0/3.0



GPS/Glonass



Global
certificated



Plug & Play



Flexible
antenna solution

USB LTE/GNSS Dongle

Technical Data

General	Description	
Type	Wireless 4G LTE Cat 1.bis dongle	
Dimensions (W x H x D)	75.5 x 38 x 11.5 mm	
Weight	approx. 33 g	
Supply voltage	USB Power source, max. 900mA	
Operation temperature	-20°C to +70°C	
Housing	Plastic, with a retaining tab	
Protection class	IP20	
Mounting	Optional: Screw mounting	
Module embedded	Telit LE910Q1	
Mobile		
Supporting networks	LTE Cat 1.bis: FDD Bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28, B66 TDD Bands: B34, B38, B39, B40, B41	
Transmission rates LTE	Max 10Mbps (DL)/ 5Mbps (UL)	
Antenna connections	1 x LTE SMA (female) 1 x GNSS SMA (female)	
Control, Memory and OS		
Control	via AT commands according to 3GPP TS 27.005, 27.007 and Telit Cinterion custom AT commands	
RAM	Modem internal RAM	
Flash	Modem internal Flash	
OS	-	
Programmable	Modem FW upgrade supported by the host system	
Interfaces		
Power / Data	USB A, USB 2.0 / USB 3.0 Interface	
SIM	Nano-SIM	
LED Power	Supply voltage	
GNSS	GPS, GLONASS, Galileo, Beidou, IRNSS, QZSS	
GNSS active antenna support	integrated power feed for external active antenna (3.3V), disabled by default.	
Variants		
USB LTE/GNSS Dongle	with global approval	Part-No. 200067
USB LTE/GNSS Dongle	with EU approval	200070
Accessories		
LTE housing antenna	2G, 3G and 4G, SMA male, right angle	200043
LTE magnetic antenna	2G, 3G and 4G, 3m RG174, SMA male	194799
LTE magnetic antenna	2G, 3G and 4G, 3m RG174, SMA male	194624
GPS housing antenna	GPS/Glonass, SMA male, right angle	194797

Errors and omissions excepted.

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Dimensions

