

# USB LTE/GNSS Dongle



The new USB LTE/GNSS dongle provides an energy-efficient connectivity solution for Linux, Windows and Raspbian operating systems.

Thanks to its cost-effective design, it is ideal for use with automation systems, temperature monitoring devices, servers and PCs.

Integrated GNSS functionality provides accurate location services for IoT-enabled applications requiring location tracking.



LTE Cat 1 bis



USB A/2.0/3.0



GPS/Glonass

# preliminary

# USB LTE/GNSS Dongle

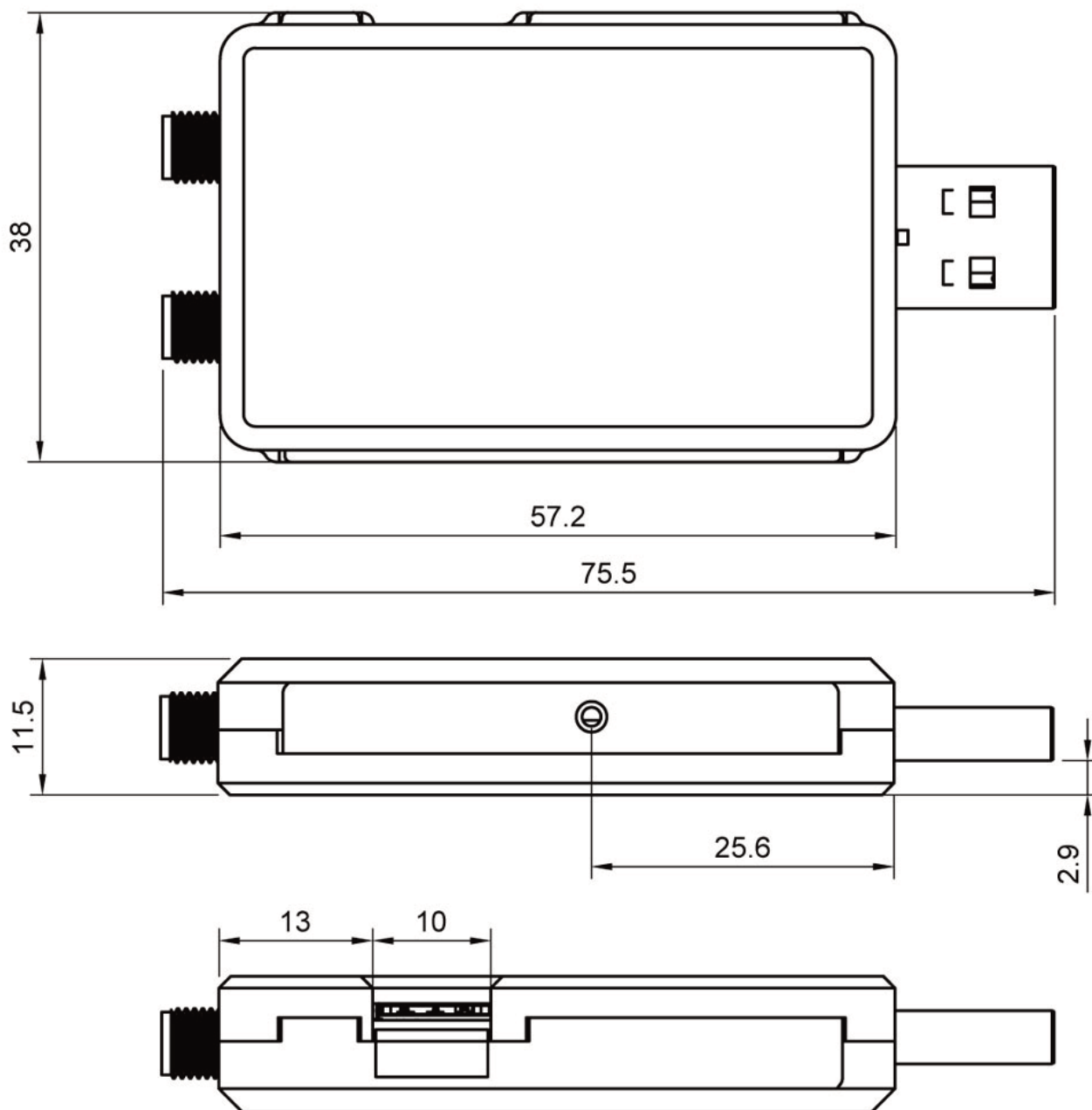
## Technical Data

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	
Protection class	IP20	
Mounting	Optional: Screw mounting	
Module embedded	Telit LE910Q1	
Mobile		
Supporting networks	<b>LTE Cat 1.bis:</b> 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)	
Controller, Memory and OS		
Controller	Modem internal controller	
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	Part-No.	
USB LTE/GNSS Dongle	with a retaining tab	200067
USB LTE/GNSS Dongle	without a retaining tab	200068
Accessories	Part-No.	
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



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## Dimensions with retaining tab

