

Preliminary Product Datasheet

USB Connectivity Module 4G

General Description

TTControl **USB Connectivity Module 4G** expands the capabilities of other TTControl products by providing network access (WLAN, Cellular, BT, GNSS) through a USB port.

Specifications

Parameter		Unit
ECU Dimensions	125 x 100 x 30	mm
Dimensions for minimum connector release clearance	57	mm
Weight	200	g
Connector	1x HSD USB 4x FAKRA for Antennas	
Operating Temperature	-40 to 75	°C
Operating Altitude	0 to 4000	m
Supply Voltage	5 (via USB)	V
Peak Supply Voltage	N/A	V _{max}
Supply Current at 12/24V without load	N/A	mA _{max}
Total Load Current	1.5	A _{max}

Standards

CE-Mark	2014/53/EU
E-Mark	ECE-R10 Rev.6
EMC / ESD	ISO 14982 ISO 13766
Ingress Protection	IP67 IP6K9K
Climatic	ISO 16750-4
Mechanical	ISO 16750-3

Features

- LTE Class 1
- LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
- LTE-TDD: B38/B39/B40/B41
- WCDMA: B1/B2/B4/B5/B6/B8/B19
- GSM: B2/B3/B5/B8
- GPS/GLONASS/BDS/Galileo/QZSS
- Wi-Fi 11a/b/g/n/ac
- 2.4GHz/5GHz Wi-Fi
- Bluetooth 5.2
- Changeable SIM

Interfaces

- 1x USB
- 4x Antennas

Housing and Connector

Aluminum baseplate with plastic top

For further information, including price and availability, please contact products@ttcontrol.com