

Preliminary Product Datasheet

Connectivity Module 4G

General Description

TTControl **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	130 x 85 x 40	mm
Dimensions for minimum connector release clearance	TBD	mm
Weight	TBD	g
Connector	1x HSD USB 4x FAKRA for Antennas	
Operating Temperature	-40 to 70	°C
Operating Altitude	0 to 4000	m
Supply Voltage	Via USB	V
Peak Supply Voltage	N/A	V _{max}
Supply Current at 12/24V without load	N/A	mA _{max}
Standby Current	<1	mA _{max}
Total Load Current	TBD	A _{max}

Standards

CE-Mark	2014/30/EU 2006/42/EC
E-Mark	ECE-R10 Rev.6
FCC-Mark	FCC Part 15
EMC	EN 13309 ISO 14982 ISO 13766 EN 55035 EN 61131-2
ESD	ISO 10605
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