

## Preliminary Product Datasheet

### USB Connectivity Module

#### General Description

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

#### Features

- Wi-Fi 11a/b/g/n/ac
- 2.4GHz/5GHz Wi-Fi
- Bluetooth 5.2

#### 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 2x 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 <sub>max</sub>
Supply Current at 12/24V without load	N/A	mA <sub>max</sub>
Total Load Current	1.5	A <sub>max</sub>

#### Interfaces

- 1x USB
- 2x Antennas

#### 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

#### Housing and Connector

Aluminum baseplate with plastic top

For further information, including price and availability, please contact [products@ttcontrol.com](mailto:products@ttcontrol.com)