

LG-CANStick_1C_V2-400 WSS300

USB Stick CAN Memory



Key Features:

- Stores CAN Bus data directly to USB Stick
 - Supports Hot swap!
 - Developed for ultimate Data access speed
 - GPS input**
- TO BE USED ONLY INTO WSS300 MOTORBIKES
PLUG&PLAY TO THE WIRING HARNESS
READY TO USE
CAN BUS CONFIGURATION LOCKED

** 6,25/10/12/50 Hz GPS mouse optional available

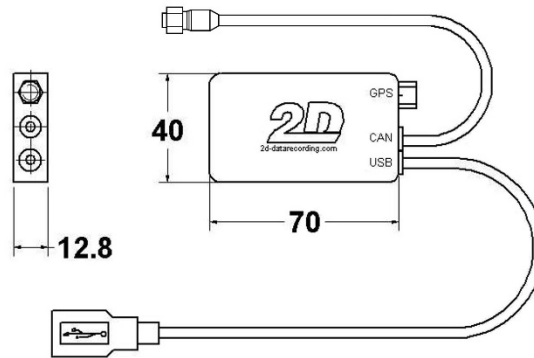
Technical specifications

| | | | | | |
|-------------------------------------|-------|------------|-----------------------------------|----|-----------------------|
| CAN characteristics | | | Mechanical characteristics | | |
| CAN channels | | 64 | Aluminum housing | | |
| optional | | NO | Dimensions | mm | 70x 40x 13 |
| CAN Lines | | 1 | Weight | g | 90 |
| CAN powered | | yes | Cable CAN line | | |
| Baud rate | kBaud | 1000 | Wire cross section | | 4 x AWG26 |
| Sampling rate CAN channels (locked) | Hz | max 500 | Type | | Raychem DR25 |
| optional | Hz | NA | | mm | 300 |
| Analog input channels | | | Cable USB line | | Deutsch IMC 200, 12PM |
| Single ended inputs | | NO | Length | mm | 300 |
| Resolution | bit | NA | Connector type | | USB Typ A, socket |
| Input voltage range | V | NA | Connection GPS/serial | | |
| | | | Connector type | | JST 04T-JWPF 4PM |
| Storage characteristics | | | Electrical characteristics | | |
| Max USB Stick size | GB | 32 | Supply voltage | V | 8 - 14 |
| format | | FAT32 | Current consumption w/o. GPS | mA | <140 |
| Max block size | GB | 2 | Current consumption with GPS | mA | <180 |
| | | | | | |
| Environmental data | | | | | |
| Ambient operating range | °C | -20 to +60 | | | |
| Protection class | | IP67 | | | |
| Humidity | % | 5 to 95 | | | |
| | | | | | |
| Operational status indicator | | | | | |
| LED green/red blinking | | | | | |
| | | | | | |
| | | | Ordering information | | |
| | | | Art.No. LG-CANStick_1C_V2-400 | | |

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Dimensions

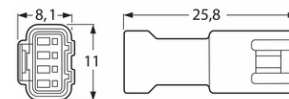


Connector layout

Connector type

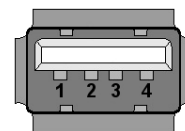
CAN-1 line, JST 04T-JWPF, 4PM

| Pin | Name | Description | Color |
|-----|-----------|--------------|-------|
| 1 | GND | Board ground | |
| 2 | CAN-1 Low | CAN-1 Low | |
| 3 | CAN-1 Hi | CAN-1 High | |
| 4 | Vext | Power supply | |
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |



USB, Type A socket

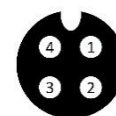
| Pin | Name | Description | Color |
|-----|--------|------------------|-------|
| 1 | VCC | Power supply +5V | Red |
| 2 | Data - | Data line - | White |
| 3 | Data + | Data line + | Green |
| 4 | GND | Ground | Black |



Front view

GPS/Serial, Binder 712, 4PF

| Pin | Name | Description | Color |
|-----|------|------------------|-------|
| 1 | Data | Data line | White |
| 2 | Data | Data line | Green |
| 3 | GND | Ground | Black |
| 4 | VCC | Power supply +5V | Red |



Front view