

uCAN V3.0

CAN to USB Convertor



uCAN 3.0 is a C-CAN converter for Windows. It supports CAN 2.0 A and B specification with USB 2.0 full speed. Windows utility and C library is provided for users.

Able to handle CAN frames with 50 milliseconds interval, it can be connected to a vehicle inspection, measurement, monitoring device or can be connected to an industrial device to perform monitoring, control, data collection functions.

Features

Provides USB to VCP

Provides Virtual COM port when USB driver is installed

Supports CAN 2.0 A, B

It supports CAN communication standard 2.0 A and B and supports maximum communication speed 1Mbps.

Provides Utility for Windows

Configure and test uCAN 3.0 with GUI-based Windows utility.

Communication (CAN)

| | |
|---------------|---|
| CAN Port | 1 Port DE-09 (male type) |
| Maximum Speed | 1Mbps with time interval of 50ms between CAN frames |
| Standard | CAN 2.0A and 2.0B |
| Signals | CAN_H, CAN_L, VDD, GND |

Communication (USB)

| | |
|----------|-------------------------------|
| Standard | USB 2.0 Full Speed |
| USB Port | USB Type A |
| Signals | USB DP, USB DM, USB VBUS, GND |

Hardware

| | |
|-----------------------|--|
| Power requirement | 5VDC 500 mA, Power Consumption: 0.60 W |
| Power input | USB VBUS or CAN VDD |
| Dimension (W, L, H) | 34.9 x 64.3 x 16.5 mm |
| Weight | 26.1 g |
| Operating temperature | -40 ~ 85 °C |
| Humidity | Max 95 R.H |
| LED | RDY(Yellow), DATA(Green), ERR(Red) |
| Protection | ±15KV ESD Protection(Air) |

Software

| | |
|---------|--|
| Utility | CANView - Windows 7, 8.1, 10, Windows Server 2008, 2012, 2016 (32, 64 bit) |
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Ordering Information

| | |
|-----------|------------------------------------|
| uCAN V3.0 | uCAN V3.0, USB Cable, Quick Manual |
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Specifications subject to change without notice