

Description

The CE1263 USB TouCAN provides a USB powered isolated interface to the CAN bus for communication with Currawong products. The TouCAN provides a robust connection to the CAN bus which also protects the connected PC from transients and ground shifts caused by operation of electronic fuel injection and motor systems at high voltages.

The TouCAN uses an industry standard DE-9 connector for interfacing with the CAN bus. Dual LED indicators display bus status information. A switchable termination resistor provides flexibility of bus layout.

The TouCAN enables the customer to easily perform engineering tests, configure the engine components and update firmware if required.

Customers can purchase an optional CE1613 TouCAN harness. This can connect to the CE1357 CAN Star which is a simple breakout board providing connection for multiple CAN devices to the bus (such as Currawong's servos and electronic speed controllers).



Specifications

Part Number:	CE1263
CAN Bit Rate (Max):	1000 Kbit/s
USB Interface:	Mini B
Isolation:	2,500 V
Length:	70 mm (2.8")
Width:	45 mm (1.8")
Height:	26 mm (1.02")
Weight:	65 g (2.3 oz)

Interface Options

Integrating natively with Currawong's powerful CEquip software allows users to communicate with the wide range of Currawong's CAN enabled products.

The TouCAN also works directly with the QCanBus interface, allowing simple integration with any application written using Qt. Further, a low-level DLL provides native connectivity to access all functions of the TouCAN.

USB to CAN converter kit

The TouCAN is a fully electrically isolated USB to CAN adapter for the integration and testing of in-situ CAN devices. The TouCAN provides advanced protection against ground shift and electrical noise, ensuring the safety of the host PC. It also provides optional bus termination for user convenience. Currawong offers a matching harness for the TouCAN.

The CAN Star connector is a simple breakout board providing connection for multiple CAN devices to the bus. It provides power and CAN connections for each device.

The TouCAN is for ground use only.

