



## TouCAN Marine

### Non-Serial Port Class Device

TouCAN Marine incorporates zero frame-loss functionality even delivering data at 1Mbit/s speed. Device contains a data buffer for 20000 frames, which ensures a back-up if connectivity loss is experienced. IP-65 rated plastic enclosure prevents condensation and ensures the adapter is hermetic.

#### Main Features

- Unlimited number of TouCAN Marine devices can be connected for simultaneous use on one PC
- Zero Frame Loss
- Timestamp resolution = 1uS
- Data Buffer for 20000 Frames
- Plug & Play

## General

CPU	Cortex M4 100 MHz
Firmware upgrade	Via USB DFU Bootloader
PC Interface	USB 2.0 FS
OS	Windows 7,8,8.1,10. Linux socketCAN
Supported Library	Open source CANAL API DLL for Windows
Connector	NMEA 2000 micro C
Ingress outdoor protection ranking	IP65

## Can Bus

Standard	Compliant with physical layer standard ISO11898-2
Identifiers	Compliant with CAN specifications 2.0A (11-Bit ID) and 2.0B (29-Bit ID)
CAN Interface	1
CAN Bit Rate	10 kbit/s to 1 Mbit/s or custom
Loopback Mode	Yes
Silent Mode	Yes
Programmable CAN Frame Delay	Yes
CAN Bus Error Detection	Yes
CAN PHY driver type	ISO1050
Protection	Bus-Fault protection of -27 V to 40 V