

T5

5" Touch screen
colour display



Key Features:

- / 800 NIT Sunlight Readable
- / -20°C to +70°C Operating temp
- / 2 x CANbus Connections and 1 x RS422/485 Connection
- / 1 x Analogue and 1 x Digital Input, 1 x Relay Output
- / 1 x Ethernet Port, 2 x USB Ports
- / J1939 / NMEA 2000™ Compatible
- / / IP67 All Round Protection

PART OF THE T-SERIES FAMILY OF DISPLAYS, FEATURING A TOUCH COLOUR SCREEN. THE T5 HAS A SLIM-LINE PROFILE HOUSING A HI-RESOLUTION 5-INCH PROJECTED CAPACITIVE TOUCH CUSTOMISABLE COLOUR SCREEN DELIVERING MODERN TABLET LIKE AESTHETICS.

The T5 has a slim-line profile housing a hi-resolution 5-inch projected capacitive touch customisable colour screen delivering modern tablet like aesthetics. The WVGA (800x480) PCAP LCD colour display can be viewed in full sunlight and the ruggedised unit is sealed to meet IP67 standards. With dual CAN and Ethernet supported the display is suited to a wide range of applications. External buttons can be added via a compatible CAN keypad.

It meets the need for tough, flexible instrumentation while offering high performance and design specifications. Custom software applications to be rapidly created using the software development kit (SDK), and the display can be integrated into a control and monitoring system using its data logging capacity, and alarm functionality.

Running linux, programmers can quickly put together a project using our proprietary software developer's kit (SDK) and the proven Veethree component based library. Application software is able to be rapidly validated on a PC using the PC simulator.

Accessories

- > Cable Harnesses Front
- > Mounting Kits
- > Branding - Labels & Boxes
- > GPS Sensor Development
- > Harness
- > CAN Keypad

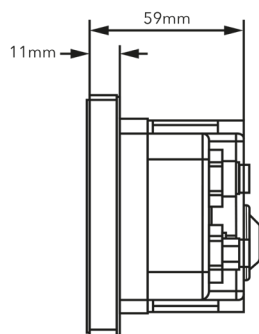
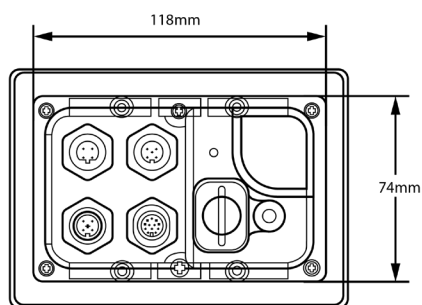
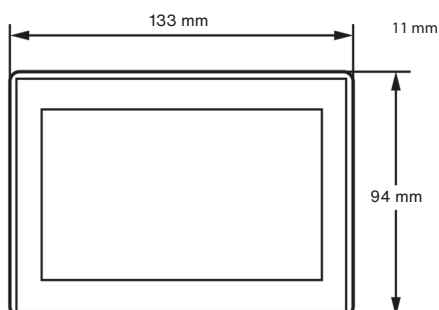
Part Numbers:

5000

T5 5" CAN Display

5001

T5 5" CAN Display with
Engine Monitor Software
Preloaded



Hardware

CPU	i.MX6 Solo X
Flash Memory	Memory 512MB SLC NAND
SDRAM	256MB DDR3

Mechanical

Case Material	ABS
Case Colour	Anthracite Grey
Dimensions	181.1mm (W) x 124mm (H) x 11mm forward and 56.4mm rear (D)

Electrical

Display	PCAP LCD 5.0"
Resolution	800 (H) x 480 (V) WVGA
Active Area	108.0mm (H) x 64.8mm (V)
Viewing Angle	70 degrees left/right/down/up
Contrast Ratio	700:1
Brightness	800 NIT (cd/m ²) Full sunlight readable
Power Requirements	8V to 32V DC
Sounder	Internal Buzzer
Connection	4 x M12 Connectors: A - Primary CANbus / Power M12 Male 5 pin A coded B - Isolated CANbus M12 Male 5 pin A coded C - Ethernet M12 Female 4 pin D coded D - Misc M12 Female 12 pin A coded

Input/Output / Communications

Analogue Input	Software selectable as 0 - 2.5 VDC 0 - 5 VDC 0 - 10 VDC 0 - 1000 OHMS
Switch Inputs	Switch Contact to ground or open collector type sensor - max. frequency= 50 Hz
Relay Output	Open collector suitable 0.5A continuous load.
Communications	1 x RS422/485, 2 x CAN bus 2.0B (1 isolated) 1 x USB 2.0, 1 x Ethernet

Environmental

Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Degree of Protection	IP67