

Description

The FP3827 CAN Bus HMI Touchscreen Color Display is a mobile data terminal. It is Windows® CE™ 6.0, has a 7.0" bright TFT LCD touchscreen.

The panel mount unit offers the possibility to read directly the CAN OEM network in order to get the state of any sensor and other information available on the network. It can either be installed as a standalone unit or within a multiplexed communication network. The module includes interfaces for J1939 and other communication standards like LIN, RS-232 and USB2.0. The data terminal is the platform for new in-vehicle demands.

The FP3827 is designed around a premium resistant and industrial grade LCD touchscreen with high luminosity.

Applications

- Emergency vehicles
- Mining Equipment
- Marine Applications
- Work trucks
- Any kind of mobile machine
- Data logger



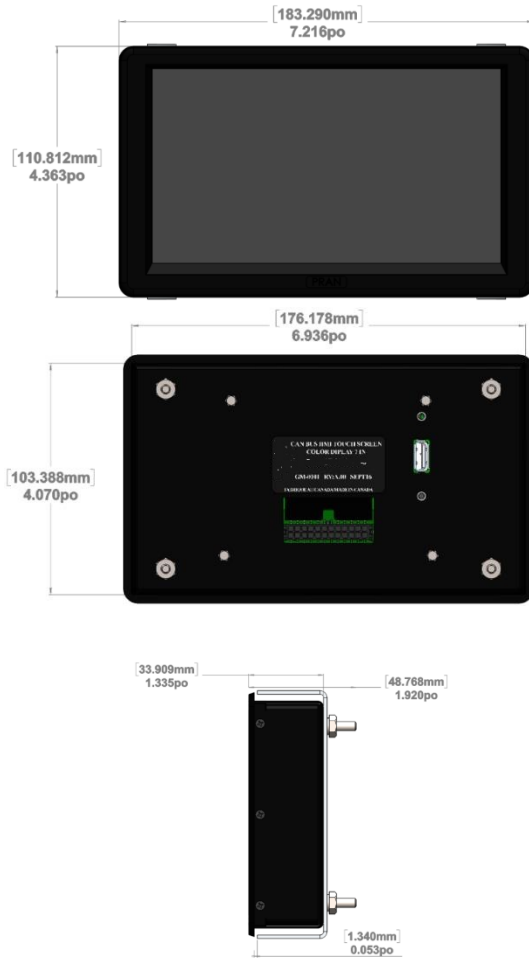
Features

- TFT 7.0-inch screen, resolution of 800X480.
- HD aluminum enclosure, panel mount display.
- Open architecture, allowing designers to create their own application.
- Piezo (Beeper).
- 1 LIN communication link.
- 1 USB 2.0 port.
- 1 RS-232 com port (optional).
- 1 Ethernet port.
- E, CE and RoHS2 certified.

Benefits

- Small and compact unit; can be installed anywhere in the vehicle.
- Most cost effective 7.0" color display on the market.
- Featured with general purpose I/Os for additional functions.
- Compatible with most CAN, RS-232 and LIN protocols.
- Configurable using FastPlexIII™ software.

Dimensions



Technical Information

- 32-bit ARM processor, running at 400 MHz.
- 64 MB RAM and 128 MB NAND for data memory.
- Design in accordance with SAE-J1455 & SAE-J1113.
- Operating supply voltage range: 9 to 32 V.
- Reverse polarity protection.
- Operational temperature range: -20°C to +70°C.
- 2 CAN 2.0b ports, 1 SAE-J1939.
- 12-bit analog to digital converter for analog inputs.
- 1 voltage reference (5 V).
- Luminance: 400 cd/m²

8 Inputs

- (6) (A30): Analog: 0-30V.
- (2) (A30Z) Software configurable:
Analog: 0-30V, Impedance: 0-600Ω.

4 Outputs

- (2) (H.5F) Software configurable:
Source (0.5A): Digital, PWM (1%).
- (2) (H.5): Source (0.5A): Digital.

For more information regarding related products and options, we invite you to contact a sales representative. Refer to the product specifications sheet for more details.