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## Key Features & Benefits

- 4.3-inch, 480(w) x 272(h) pixel, 256k true colour, TFT active matrix, 450 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions.
- USB Host Port on Front Face protected with Silicon Cover
- 4 x Integrated Lightbars. Each Lightbar has 1 central Green LED with 3 Amber LED's each side of the central LED.
- Ambient light sensor for Automatic brightness control
- 17 Logically placed backlit keys provide tactile feedback when activated, allowing operators to focus on the job and not the controls.
- 39-pin sealed military rated quick release tool-less connector
- Field upgradeable software via USB port.
- In-built buzzer (4 Volume settings) for operator feedback and warning

## Options and Accessories

### Product Specifications

#### Characteristics

Size:

Length:

200 mm

Width:

115 mm

Depth:

55.5 mm

Weight:

1.25 kg

Display:

General Housing Materials:

High pressure die cast aluminium

Memory:

128 MB 133 MHz SDRAM  
Internal 512 MB flash memory (64 MB operating system + 448 MB file system)

## Environmental Characteristics

Temperature:	
Operating:	-20 °C to +65 °C
Storage:	-40 °C to +85 °C
Vibration:	9.8 Grms, 24 - 2000 Hz
	±40 G 10 ms Operating
	±75 G 6 ms Survival
Humidity:	100%
Sealing:	IP68
	±3 PSI Factory Tested, Vented with Gore-Vent
Chemical Splash:	SAE J1455
Thermal Shock:	30 °C/min, 48 Full cycles
Immersion:	90 cm for 120 min
Pressure Wash:	SAE J1455
Salt & Fog:	Mil-std-202F, 5% Salt spray for 16 Hours
Key Actuations:	1 million cycles
System Level EMC:	Compliant to CE and FCC part 15
Emissions:	
Susceptibility:	

## Technical Specifications

Electrical Input Voltage:	9 V - 32 V
Reverse Voltage Protection:	
Load Dump Protected:	
Power-Up Initialization:	
Supply Power	16 W (max) 8 W (typical)
Supply Current	2 A max
Standby Power	<5 mA at 12 V
Display Brightness	450 cd/m <sup>2</sup> (typical)

## Communications Specifications

CAN Communication Protocol:	
Data Port Protocol:	

## Switches

OFF/ON/SET-UP
Right and Left Push Button
Center Push Button
Right and Left INC/DEC switches
3 Position Select

## Primary I/O Connector Styles

**39 Pin I/O Connector**

Specifications subject to change without notice.

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