



Key Features & Benefits

- 7.0 inch, 800(w) x 480(h) pixel, 256k true colour, TFT active matrix, 1000 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions.
- Windows CE 5.0 Operating System
- USB Host Port on Front Face protected with self closing Protective 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 which provide crisp tactile feedback when activated.
- 39-pin sealed military rated quick release tool-less connector
- Field upgradeable software via USB 2.0 port.
- In-built buzzer (with adjustable levels) for Operator feedback and warning

Options and Accessories

Product Specifications

Characteristics

Size:

Length:	260 mm
Width:	154 mm
Depth:	60 mm

Weight: 2.25 kg

Display: 7.0 inch, 800(w) x 480(h) pixel, 256k true colour, TFT active matrix, 1000 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions

General Housing Materials: High pressure die cast aluminium

Environmental Characteristics

Temperature	
Operating:	-20°C to +65°C
Storage:	-40 °C to +85 °C
Humidity:	90% Relative Humidity
Sealing:	Fully Sealed to 3 PSI / IP68

Technical Specifications

Electrical Input Voltage:	9 V - 32 V
Supply Power	30W (with modules) 10W (no modules)

Primary I/O Connector Styles

39 Pin I/O Connector

- A - Switch GND
- B - Multi-state SWITCH INPUT 0
- C - Multi-state SWITCH INPUT 3
- D - BATT+
- E - SWITCH COMMON GND
- F - BATT-
- G -
- H - Multi-state SWITCH INPUT 4
- J - CAN0 LO
- K - CAN0 HI
- L - CAN1 HI
- M - CAN1 LO
- N - RS232-2 TXD2
- P - RS232-2 RXD2
- R - SIGNAL GND2
- S - SIGNAL GND1
- T - RS232-1 RXD1
- U - RS232-1 TXD1
- V - Multi-state SWITCH INPUT 5
- W - BATT+
- X - Ign Switch
- Y - Multi-state SWITCH INPUT 1
- Z - Multi-state SWITCH INPUT 6

- a - Ethernet 10 RX+
- b - Ethernet 10 RX-
- c - Ethernet 10 TX+
- d - Ethernet 10 TX-
- e - CAN SHIELD
- f - RS232-0 RTS
- g - RS232-0 CTS
- h - RS232-0 RXD0
- i - RS232-0 TXD0
- j - Switch Output
- k - Multi-state SWITCH INPUT 2
- m - BATT-
- n - AWAKE Gnd
- p - AWAKE Output
- q - SIGNAL GND0
- r - Ethernet Shield

Specifications subject to change without notice.

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