

## 9731 LCD Cockpit Terminal: Product Brief



### Features: -

- Self powered from pod antenna.
- 2 line x 16 character LCD display
- 5 hole Dzus rail panel mounting
- NVIS friendly option
- Adjustable backlighting
- Cockpit dimmer bus control interface.
- Low power
- High reliability

### Description: -

The 9731LCD cockpit terminal is a self-contained keypad display interface for a 9731 steerable pod antenna.

It can be self-powered by the antenna and provides a 2 line x 16 character LCD display together with a 6 key operator keypad. The terminal is fully compatible with the 9731 pod controller's integral operator interface.

The terminal conveniently panel-mounts on standard Dzus rails taking 5 u (hole) spaces. Connections are by a single rear panel D series connector. Options are also available for a flanged ABS enclosure and RJ12.

The unit also allows its back-lighting to be automatically controlled by the cockpit dimmer bus. Connections are available for 28v, 14v and 5v analogue and PWM dimming control signals. There are also zero and span adjustments on this option which allow the dimming to be equalised to match other equipment in the installation.

### Operation: -

Operation of the panel is extremely simple requiring mostly the use of just the up, down and enter buttons. The display and keypad are backlit allowing operation day and night. Operation of the TTY interface is covered in the pod antenna handbook. In this case the display window length is 2 lines. In addition the back-key give manual back-light control in the status screen home position.

### Specifications: -

Front panel: 146.0 x 47.5 mm (max) x 6mm

DZUS Enclosure: 125.0 x 47.5 x 80 mm

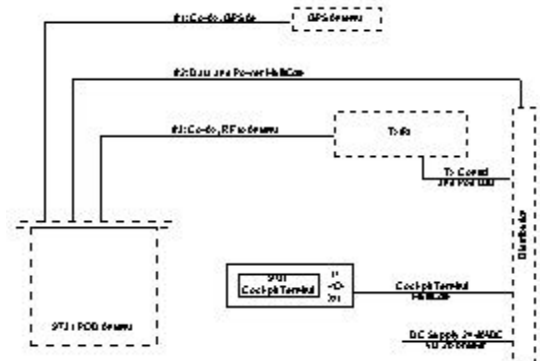
ABS Enclosure: 153 x 83 x 57 mm (plus 12mm flanges and 12mm connector)

Power: 28VDC or self powered from pod antenna

Weight: < 300 g

Connections: (DBUS/D15P option)

01 – Dim5V	10 - XmitRxIn
02 – RXD	11 – XmitTxOut
03 – TXD	12 – Gnd out to pod
04 – (reserved)	13 – Power Gnd In
05 – GND	14 – Power out to pod
06 – (reserved)	15 – Power In (28V)
07 – Dim14V	
08 – Dim28V	
09 – (option 5V)	



### Build Options and Order Codes: -

9731LCD – <options>

- DBUS: Dimmer Bus and communications server interface. (\*)
- DZUS: 5 hole Dzus mounting enclosure.
- ABS: Flanged ABS enclosure.

(\*) indicates a costed option.

Note: Product revisions may vary from the details given here.

### For Further Information:

Web: [www.custom-electronics.co.uk](http://www.custom-electronics.co.uk)

Tel:+44 (0) 1767 313167

Fax:+44 (0) 1767 313167