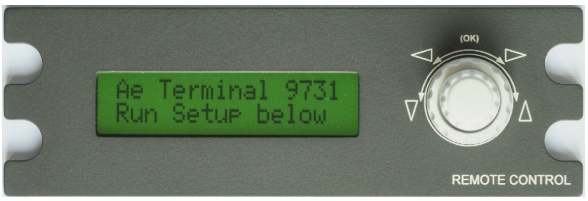
9731 ENC Cockpit Terminal: Product Brief



Features: -

- Self powered from pod antenna.
- 2 line x 16 character LCD display
- Dual Rotary Encoder PB operation
- 5 hole Dzus rail panel mounting
- NVIS friendly to MIL-STD-3009
- Adjustable backlighting
- Cockpit dimmer bus control interface.
- Low power
- High reliability

Description: -

The 9731ENC cockpit terminal is a self-contained operator 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 combined dual rotary encoder with push-button for operator entry. 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 D15 male connector.

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.

Build Options and Order Codes: -

9731ENC – <options>
- DBUS: Dimmer Bus and communications server interface. (*)
- NVF: Nvis-friendly display filter. (*)
- DZUS: 5 hole Dzus mounting enclosure.
- ABS: Flanged ABS enclosure.

(*) indicates a costed option.

Operation: -

Operation of the panel is extremely simple as the tactile dual rotary encoders and push-button control emulate the keypad left, right, up, down and enter buttons. The display is 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 action gives manual back-light control in the status screen home position.

Specifications: -

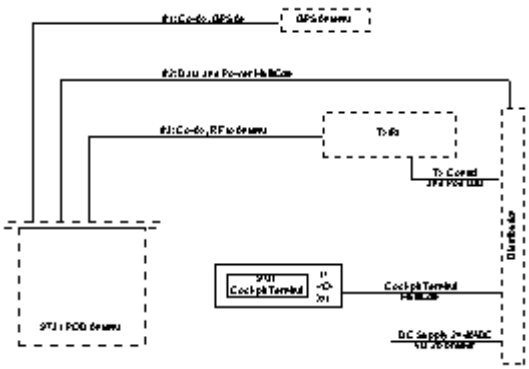
Front panel: 146.0 x 47.5 mm (max) x 6mm

Enclosure: 125.0 x 47.5 x 90 mm

Power: 28VDC or self powered from pod antenna

Connections: (D15P)

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)	



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

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