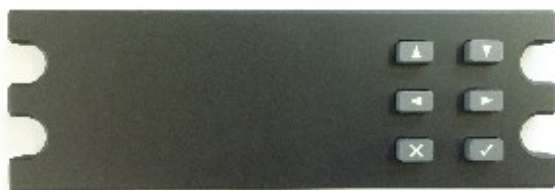


9731 HDSI Cockpit Terminal: Product Brief



Features: -

- HD SDI Video Output
- Can power the pod antenna.
- Resettable Thermal Fuse protection
- Embedded Linux OS
- 5 hole Dzus rail panel mounting
- NVIS friendly option
- Low power
- High reliability

Description: -

The 9731HDSI cockpit terminal is a self-contained keypad / video interface for a 9731 steerable pod antenna.

It is DC powered and designed to distribute power also to the pod antenna simplifying installation wiring.

The terminal provides a 6 key operator keypad and HDSI video display for operator interface and is fully compatible with the 9731 pod controller's integral operator interface.

The video output can be easily routed to the aircraft video monitor for viewing and can hence also be easily recorded or even transmitted to the ground if required.

The terminal conveniently panel-mounts on standard Dzus rails taking 5 u (hole) spaces. Connections are by a single rear panel D9 male connector.

The terminal can be ordered with an option to make the keypad back-lighting NVIS friendly.

Build Options and Order Codes: -

- 9731HDSI – <options>
- NVIS: NVIS_Friendly back-lighting(*)
- (*) indicates a costed option.

Operation: -

Operation of the panel is extremely simple requiring mostly the use of just the up, down and enter buttons. The keypad 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 8 lines.

Specifications: -

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

Enclosure: 125.0 x 47.5 x 165 mm

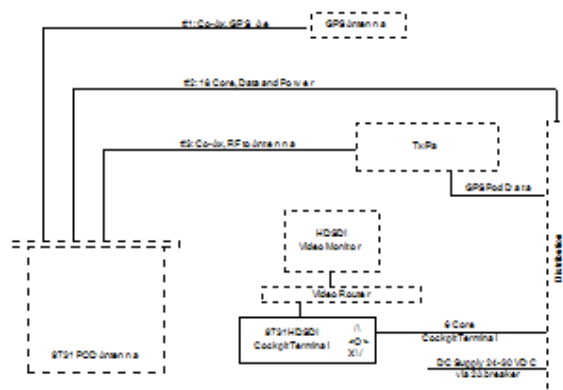
Power: 24-32V DC 2A max

Connections: (D15P)

- 02 - RXD
- 03 - TXD
- 12 - GND
- 13 - GND
- 14 - DC Power Output to pod antenna
- 15 - DC Power Input

Connections: (BNC)

- 01 - HD SDI Video output
- 02 - GND



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

For Further Information:

Web: www.custom-electronics.co.uk

Tel:+44 (0) 1767 313167

Fax:+44 (0) 1767 313167