

General Description

The Kimdu Portable Test Unit (PTU-100) is a rugged, hand-held device that can operate in the Test, Analyzer, and Monitor modes for the most widely used avionics data buses including ARINC-429, ARINC-825 (Aero CAN), MIL-STD-1553, CAN, RS-422/232/485, and Ethernet. In addition, customized hardware can be installed to allow for the addition of special functions such as Discrete I/O, A/D, D/A, Relays, and customer-defined interfaces. The customized hardware is accompanied by customized GUI interface software. More than one type of communication bus can be used concurrently.

Display

The unit comes with a 7-inch Touch Screen TFT Display with a protective layer. The display brightness is 300cd/m² with a Contrast Ratio of 500:1. The all-around viewing angle is between 70° to 75°. The display resolution is 800 x 480 with 65K true to life colors. Other displays are available as well as larger sizes and sunlight readable. Contact Kimdu sales for information.

Software

In addition to the many data buses supported along with standard software packages, Kimdu can offer customized GUI software to fit your specific needs. Firmware updates are possible via a dedicated, PTU-100 Serial [loader] Port.



QUALITY

SUPPORT

FEATURES:

- ◆ Hand-Held Rugged Device
- ◆ Use as Tester & Monitor/Analyzer
- ◆ Supports the following Buses
 - ◆ ARINC-429
 - ◆ ARINC-825 (Aero CAN)
 - ◆ Mil-Std-1553
 - ◆ RS-422/232/485
 - ◆ CAN
 - ◆ Ethernet
 - ◆ Custom Interfaces
- ◆ Easy to Use GUI Software
- ◆ Custom Hardware & Software Available
- ◆ Rechargeable Battery w/Charger

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