



GRIP2-CS™

MIL-STD-1553 Cyber Attack Monitor and Bus Tester

Grip2-CS™ is a new and innovative tool for developing, testing and Analyzing avionic networks and its units for communication anomalies such as cyber attacks.

In addition to traditional testing functionalities such as simulating and Monitoring Mil-Std-1553 busses, Grip2-CS is introducing a unique capability of monitor, detect and report on cyber attacks in real-time.

Specifications

Size

- Length 100 mm
- Width 30 mm

Compatibility

- MIL-STD-1553B Notice 2
- USB 2.0, 480Mbps
- Dual Redundant Mil-Std-1553 channel

Host Requirements

- USB 2.0 interface
- Operating system
 - Linux, Windows 7, 8, 8.1
 - Supporting 32Bits and 64Bits
- 1 GB of RAM

Power

- Uses USB's 5Vdc power up to 0.5 Amp

Software Support

- ANSI C API
- Sample Application Code and samples

Available Configurations

- Mil-Std-1553 Dual-Redundant channel

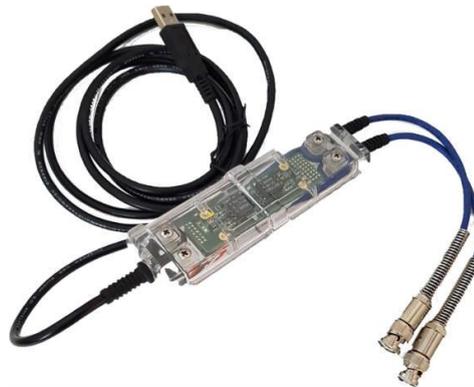
More 1553 Products from Sital

- MIL-STD-1553 IP Cores for FPGAs
- MIL-STD-1553 Components
- MIL-STD-1553 Boards

Sital Technology Ltd.
17 Atir Yeda St, Kfar-Saba, Israel
Tel: +972-9-7633300

Key Features and Benefits

- Passive Monitoring for MIL-STD-1553
- Real-time detection of BC spoofing
- Real-time detection of RT spoofing
- Rich forensic data available in real-time
- Compact design ideal for research processes
- FPGA IP available for integration in actual designs
- Firmware upgrades with new features
- Suitable for lab and in-field testing



The Grip2-CS includes the Sital Secured 1553 FPGA IP core in monitor mode which enables passive monitor mode behavior to a 1553 bus. Once abnormal communications patterns are detected the Grip2-CS immediately records the event and delivers meaningful information concerning the attack vector and helps identifying system level vulnerabilities and for the development of cyber defense playbooks and guidelines.

More information available at www.sitaltech.com
Email: info@sitaltech.com