iES-6
Ruggedized Ethernet Switch

Highlights

- 6 Tri-Speed Ports w/ Layer 2/3 Switch Management
- IRIG-A/B/G Time Code Generator
- 1 IRIG DC Input 2 IRIG DC/1PPS Outputs & 2 IRIG AM Outputs
- Up to (4) IEEE-1588v2 Clocks w/ Grand Master Capability
- 8 Programmable Discrete Inputs/Outputs

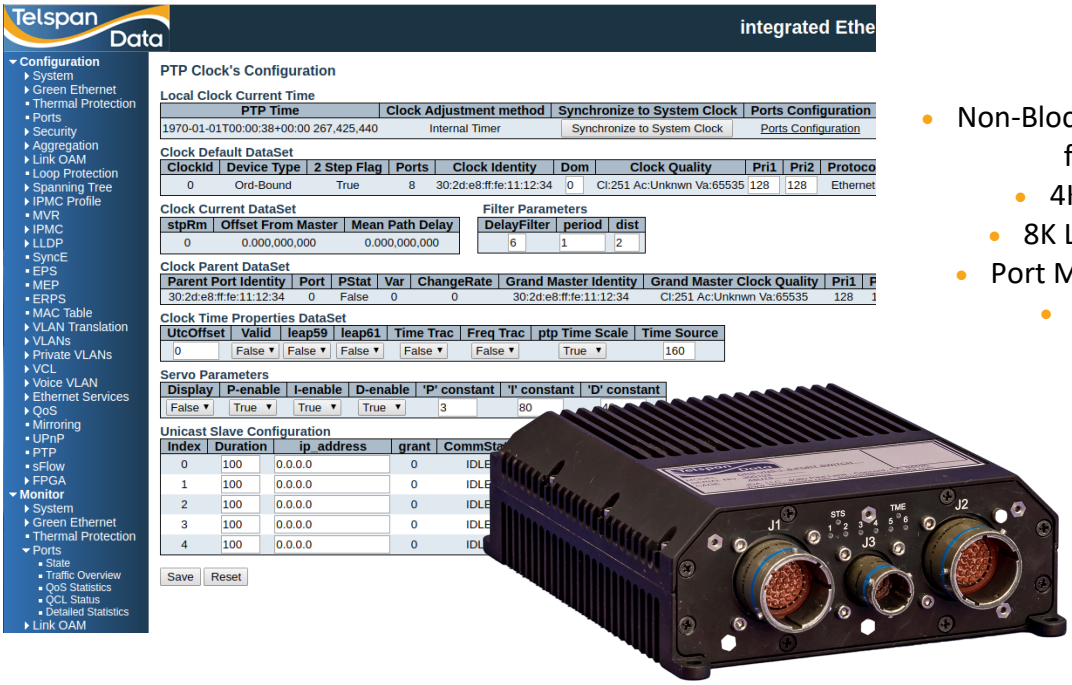
Overview

The integrated Ethernet Switch (iES-6), is a rugged 6 port layer 2/3 managed gigabit Ethernet switch with end node timing & discrete signal capabilities for demanding test instrumentation environments on airborne, shipboard or mobile ground vehicles.

Programmable discrete outputs can be used to control end node devices, on or off the network, as well as feedback into the iES-6 from discrete inputs.

With multiple time sources and outputs the iES-6 provides end node device time signals. iES-6 contains a hardware based IEEE-1588v2 time engine able to drive the internal IRIG-A/B/G Time Code Generator (TCG) for time outputs. The IRIG-A/B/G input provides IEEE-1588 Grand Master/Master clock capabilities.

The integrated board stack architecture and front panel allow for user specific functions and connector interfaces to be implemented without compromising system architecture or integrity.



Specifications @ telspandata.com/iES6

- Non-Blocking Wire Speed Performance for All Frame Sizes Up to 9.6KB
- 4K VLAN's, 256 Filtering Policies
- 8K L2 Multicast Groups Addresses
- Port Mirroring, Link Aggregation CLI,
- Web GUI or SNMP Command, Control & Monitoring
- RS-232 COM Port