

Highlights

- PCM Inputs/Outputs, NTSC Video Input
- IEEE-1588v2 Master/Slave, IRIG TCG
- PCM & Video to Chapter 10 UDP
- Ethernet/Chapter 10 UDP to HDLC/Chapter 7 PCM
- Ethernet/DAR & HDLC/Chapter 7 PCM

Overview

The iGU is a configurable gateway between instrumentation systems and Ethernet networks or telemetry transmitters. Currently used with-in the Common Airborne Network Instrumentation System (CANIS).

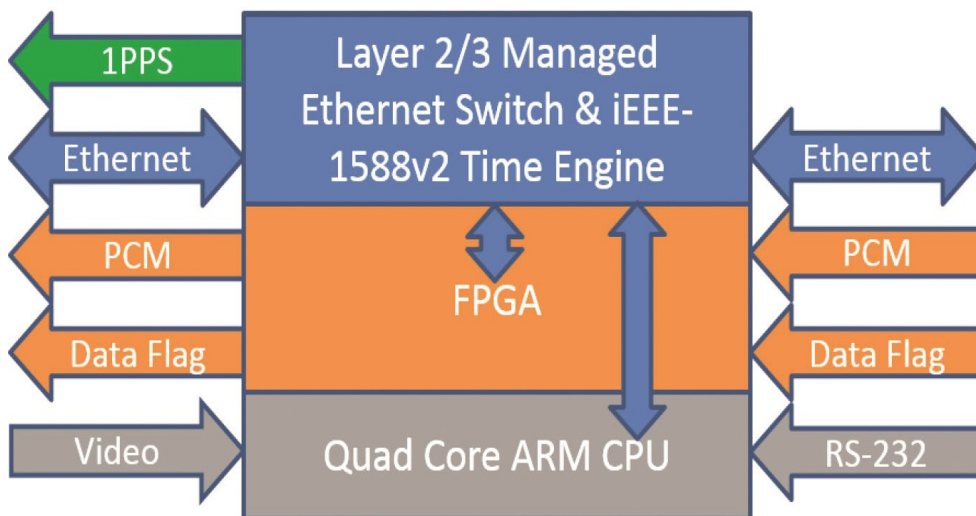
This small self-contained rugged airborne unit, contains a layer 2/3 managed Ethernet switch, powerful FPGA and quad-core ARM CPU which allows unprecedented flexibility in data processing and protocol transforms.

Along with PCM and video inputs/outputs the iGU also contains a hardware based IEEE-1588v2 time engine within the switch and a 1PPS output from the 1588 time.



Specifications @ telspandata.com/iGU

- 2 Gigabit Ethernet Interfaces
- 1 RS422 PCM Input & Output
 - Video Input
- 1PPS Output from 1588
 - RS-232 Port
 - Discrete I/O



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