

Remote Interface Units (RIU)

Remote Interface Units (RIUs) are designed for remote locations and communicate with higher-level computing systems such as Flight Control Computers (FCC) and Mission Computers (MC), gathering, analyzing and sending data throughout the platform. These Modular Open Systems Approach (MOSA) systems feature different analog and digital input and output modules that can be used with a wide range of function types including AC excitation, LVDT, variable reluctance, thermocouples, and RTDs. NAI's rugged RIU systems offer a DO-178C & DO-254 Certifiable solution and are ruggedized to withstand -40° C to +71° C and qualified to MIL-STD-1275D & MIL-STD-704A with 50 ms holdup (power supply); MIL-STD-461F & MIL-STD-810G.



Features

- 2 x MIL-STD-1553 & 8 x ARINC-429 Tx/Rx (CM5)
- 8 x RS-232/422/485 Serial Channels (SC3)
- 8 x CANBus A/B 2.0/CAN-FD/ARINC-825 (CB8)
- 8 x Programmable RTD or Thermocouple measurement (TR1)
- 16 x ± 100 VDC A/D Channels (ADF)
- 8 x ± 40 VDC 100 mA Digital to Analog Channels (DA3)
- 2 x AC Reference Excitation (AC2)
- 4 x Strain Gage Measurement (SG1)
- 8 x Variable Reluctance/Pulse Counter Measurement Channels (VR1)
- 16 x 10/100/100 Base-T Ethernet Switch (ES2)
- 48 x Discrete Input Channels and 48 Programmable Discrete I/O Channels (68DT1)
- 28 VDC MIL-STD-704 Aircraft Electrical Power Characteristics with at least 50 ms holdup.
- MIL-STD-810G, MIL-STD-461F and DO-160 environmental and EMI/EMC qualifications.

For more information Contact TPT KK

詳細はメール (sales.t@tptech.co.jp) でのお問い合わせもしくはホームページ (<http://www.tptech.co.jp/>) をご参照ください。

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