UNO-4672/P154

Introduction

UNO-4672 features a fanless design with built-in isolated PSU and ten isolated serial communication ports and is even suitable for any harsh applications. The rear I/O connection and LEDs on the front panel for all ports and modes highly simplify monitoring operation and maintenance.

As for data recording and analysis from a network, the UNO-P154 provides four smart LAN ports to collect high-density network packets that come with 32K byte FIFO to keep data integrity, and two standard 10/100 Mbps fiber optic interfaces, which are used to respond to real-time data. IRIG time decode could more accurately record time information to facilitate data analysis.

Specifications

I/O Interface
- Serial Ports: 10 Ports, 2 x RS-232, 8 x RS-232/422/485 (Automatic RS-485 data flow control)
- Communication Speed: RS-232: 50 – 115.2 kbps, RS-422/485: 50 – 921.6 kbps (Max.)
- LAN: 2 x 10/100/1000Base-T RJ-45 ports, teaming function supported
- Smart LAN: 4 x 10/100 SC Multi-Mode
- Data Sampling Rate: 10 MBytes (max.)
- USB Ports: 4 x USB (include 1 x internal USB), UHCI, Rev. 2.0 compliant
- Expansion: 1 x PCI-104

Environmental
- Humidity: 95% @ 40°C (non-condensing)
- Operating Temperature: IEC 60068-2-1 with 100% CPU/ I/O loading, 48 hrs -20 ~ 80°C (-4 ~ 140°F)
- Operating Humidity: 20 – 95% (non-condensing)
- Shock Protection: IEC 68 2-27 CompactFlash®: 50 G half sine, 11 ms
- Vibration Protection: IEC 68 2-64 (Random 1 Oct./min, 1hr/axis.) CompactFlash®, 2 Grms @ 5 – 500 Hz, HDD: 1 Grms @ 5 – 500 Hz

Ordering Information
- UNO-P154-AE: 4-ch Fiber Smart LAN network DAQ Card for UNO-4672
- UNO-4672-D03E: Intel Core Duo LV L2400 1.66 GHz, 2 GB RAM Automation Computer
- UNO-4672I-D03E: Intel Core Duo LV L2400 1.66 GHz, 2 GB RAM Automation Computer W/ 4-ch Smart IAN and IRIG-B

All product specifications are subject to change without notice.

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