Making Data Acquisition Easy

I-7524: Embedded Communication Controller with 4 Ports

Intelligent Communication Controller with one RS-485 port, three RS-232 ports and one RS-232/RS-485 port. Our 7524 can link multiple RS-232 devices via a single RS-485 network. This network protocol offers stability, reliability and simple cabling while delivering a low cost, easy to maintain product.

Features:

- Addressable RS-232 Converter
- Master Type Addressable RS-232 Converter
- Onboard 1K Byte Queue Buffer
- Onboard D/I signal trigger
- Onboard D/O for emergency control
- 3000V Isolation on RS-485 site
- Self-Tuner ASIC Inside
- Embedded Control Capabilities
- Software Demo Programs Available
- Din Rail Mount

Specifications:

- 40 Mhz CPU: 80188
- SRAM: 256 KB
- Flash ROM: 512 KB
- EEPROM: 2048 bytes
- Communication speed: 115.2K BPS max.
- RS-232 interface connector: Male DB-9
- RS-485 interface connector for: 14-pin screw terminal block (accepts 16~22 AWG wires); 3.5mm pitch
- D/I: 3.5V~30V
- D/O: 150mA/30V
- Accessories: One download cable, one mini screw driver
- Operating temperature: -25°C to +75°C
- Storage temperature: -40°C to +80°C
- 3000V isolation
- RS-232 (TXD, RXD, RTS, CTS)
- RS-232 (TXD, RXD)
- Dimensions: 123mm x 72mm x 33mm
- Power requirement: Unregulated 10~30 VDC
- Power consumption: 2W (without display), 3W (with display)