Synchronous Data Acquisition Products Offer High-speed Performance Over Ethernet

DATAQ Instruments announced the DI-785 and DI-788 Ethernet data acquisition models. Multiple units, separated by over 100m, can synchronize at samples rates as high as 180 KHz per unit by simply daisy-chaining ordinary CAT-5 cables between them. With up to 32 fully isolated channels per box, and support for as many as eight simultaneously connected boxes. The DI-785 has two built-in 16-channel 5B module backplanes. Into these up to 32 5B-type signal conditioning modules can be installed, bringing the universe of isolated industrial measurements to the instrument, including thermocouple, voltage, strain, frequency, process current, RTD, potentiometric and RMS. The DI-788 is supplied with two built-in 16-channel 8B module backplanes that permit up to 32 8B-type signal conditioning modules to be installed. 8B modules support virtually any isolated industrial measurement such as thermocouple, voltage, strain, frequency, process current, RTD and potentiometric. Soon to be released is a line of RMS measurement modules. Both models offer 14-bit resolution, programmable gains per channel of 1, 2, 4 and 8, and a maximum sample throughput rate to 180,000 samples per second. Pricing for the DI-785 is $3,995 and the DI-788 is $3,995.

DATAQ Instruments
www.dataq.com [1]

DI-785 Product URL: http://www.dataq.com/products/hardware/di785.htm [2]

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