



Features

- 24-bit, 216 kS/s, 8/4-ch analog input
- 12-bit, 500 kS/s, 32/16-ch analog input
- USAI DAQ PANGU (Data Acquisition Software)
- Supports PCI V2.2, PCI Express x1
- Supports windows 7,10

Introduction

The PANGU-P1000-1802 is a data sampling display system designed to meet a variety of application needs. The PANGU -P1000-1802 supports the PCI-1715U, PCIE1802 and DAQ- D1001-01. Provides USAI DAQ PANGU software for instant data display, historical data logging and analysis, and instant warning and multilingual user interface.

Specifications

Computer

- CPU i5-3550S
- RAM 4.00GB
- Bus PCI、PCI E
- Operating System Windows 7、Windows 10

Communications.

- RS232
- RS485
- RS-232
- ETHERNET

DAQ Pangu Features

- Supports windows operating systems
- Supports PCI Express, PCI DAQ devices
- Integrated utility environment (USAI DAQ Pangu) for device functionality testing without programming

DAQ-1715U Features

- 2,500 VDC isolation protection
- 32-ch single-ended or 16-ch differential or a combination of analog input
- 12-bit resolution for A/D conversion
- Programmable gain for each input channel
- Onboard FIFO memory (PCI-1713U: 4,096 samples; PCI-1715U: 1,024 samples)
- Software, internal or external pacer sampling modes supported
- Universal PCI bus
- BoardID™ switch

DAQ-1802 Features

- 8/4 simultaneously sampled analog inputs, up to 216 ks/s
- 24-bit resolution ADCs with 115 dB dynamic range
- Wide input range of $\pm 0.2 \sim 10$ V
- Built-in anti-aliasing filter
- Software-configurable 4/10 mA integrated electronic piezoelectric (IEPE) excitation currents
- Software-selectable AC/DC coupling
- Full automatic calibration
- Multiple card synchronization

DAQ- D1000-01 Features

- 32 single-ended or 16 differential or a combination of analog inputs
- 16 A/D converters simultaneously sampling
- 16 analog inputs, up to 256kS/s, 16-bit resolution
- 2 analog outputs, up to 3 MS/s, 16-bit resolution
- Supports analog and digital triggers for analog I/O
- 6 programmable digital I/O lines
- 2 x 10/100/1000 Base-T RJ-45 LAN ports
- 2 x RS-232/RS-485 port