



# iDAQ-62964

## 4-slot Industrial DAQ Chassis Module for iDAQ-66000 Controllers



### Features

- PCIe interface connecting to iDAQ-66000 series controllers
- LED status indicators
- 4 iDAQ slots
- 2 programmable function pin for timing signal (trigger, clock) input/output

### Specifications

#### Analog Input

Please refer to the specifications of individual iDAQ analog input module

#### Analog Output

Please refer to the specifications of individual iDAQ analog input module

#### Digital Input

Please refer to the specifications of individual iDAQ analog input module

#### Digital Output

Please refer to the specifications of individual iDAQ analog input module

#### Counter

Please refer to the specifications of individual iDAQ analog input module

#### Programmable Function Pin

- **Channels** BNC x 2
- **Direction** Input or output, software configurable
- **Input level** Logic high: +3.5 V min.  
Logic low: +1.5 V max.
- **Input protection voltage** +6.5 V max, -0.5 V min.
- **Pull-down resistor** 10 k $\Omega$
- **Input signal frequency** 10 MHz max.
- **Response time** 20 ns max.
- **Debounce filter** 40 ns ~ 168 ms, software configurable
- **Output logic level** Logic high: +4.5 V min., 20 mA source max.  
Logic low: +0.5 V max., 20 mA sink max.

#### Power Requirement

- **Power Input** 3.3V and 12V via PCI express BUS from iDAQ controller
- **Power Consumption** 24 W max., including modules

#### Mechanical

- **Module dimensions** 139.5 x 84.2 x 100 mm (5.49" x 3.31" x 3.94")
- **Weight** 720 g
- **Installation** DIN Rail Mount

#### Environment

- **Operating temperature** -10 to 60° C (-4 to 140° F)
- **Storage temperature** -40 to 85° C (-40 to 185° F)
- **Operating humidity** 10% to 90% RH, non-condensing
- **Storage humidity** 5% to 95% RH, non-condensing
- **Vibration** 1 G<sub>rms</sub>, random, 5 ~ 500 Hz, 1hr/axis
- **Shock** 10G, half sine, 11 ms

#### Certification

- **EMC** CE, FCC
- **Safety** CB, UL

### Ordering Information

- **IDAQ-62964** 4-slot iDAQ Chassis Module for iDAQ-66000