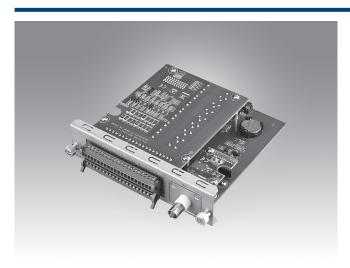
# **ECU-P1761**

## 4-ch Isolated Digital Input, 4-ch Isolated Relay Output with IRIG-B Board



#### **Features**

- CE/FCC Certification
- 4 x Isolated Digital Input
- 4 x Isolated Relay Output
- 1 x IRIG-B
- PCI Extension
- Operation Temp: -25 ~ 70°C



#### Introduction

The ECU-P1761 is a PCI extension card with Digital Input and Relay Output function to fulfill the acquisition requirement in power automation. With 4x DI, 4x RO and 1x IRIG-B, ECU-P1761 enrich the Advantech acquisition solution under power & energy x86 architecture UNO-4673A/4683 and ECU-4784 computers.

### **Specifications**

#### General

• Connector 120-pin connector for UNO- 4673A/4683/ECU-4784

BUS Interface PCI

■ **Dimensions** 5.3" x 6.0" (136 x 150 mm)
■ **Power Requirements** 5 V @ 150 mA (typical) 3.3 V @ 60 mA (typical)

Certification
 CE, FCC, IEC-61850-3 Compliant

#### **Digital Input**

Channels

■ Connector Terminal Block
■ Input Type Wet Contact (Sink)
■ Input Voltage 48V<sub>DC</sub> Logic 0: 0~10 V Logic 1: 30~48 V
■ Input Voltage 125V<sub>DC</sub> Logic 0: 0~20 V

Logic 1: 100~157 V

Input Voltage 250V<sub>DC</sub> Logic 0: 0~40 V

Logic 1: 180~313 V

• Response time 1ms

 $2,500\ V_{DC}$ 

IRIG-B

Isolation Voltage

IRIG Interface BNC
 Precision 1ms
 Resolution of time 1s

#### **Relay Output**

• Channels 4

Connector Terminal Block
 Output Type Relay: 1 Form C
 Relay Output Voltage 250 V<sub>AC</sub>/V<sub>DC</sub>
 Max. Switching Voltage 400 V<sub>AC</sub>
 Relay Output Current 25°C 3A, 70°C 1A
 Ongrate/ Release Time Max. 8 ms

Operate/ Release Time Max. 8 ms
 Isolation Voltage 2500 Vpc

#### **Environment**

• Operating Temperature  $-25 \sim 70^{\circ}\text{C} \ (-13 \sim 158^{\circ}\text{F})$ 

IEC 60068-2-2 with 100% CPU/ I/O loading, 24 hrs

Operating Humidity 5 ~ 95% RH (non-condensing)
 Storage Humidity 5 ~ 95% RH (non-condensing)

## **Ordering Information**

ECU-P1761A-AE
 ECUP1761AA1701E-T
 ECUP1761AA1801E-T
 4-ch DI, 4-ch RO isolated Board with IRIG-B board 125V<sub>DC</sub>
 4-ch DI, 4-ch RO with IRIG-B board 250V<sub>DC</sub>
 4-ch DI, 4-ch RO with IRIG-B board 250V<sub>DC</sub>