ADAM-6224

4-ch Analog Output, 4-ch Digital Input Module

Analog Output

- **Channels:** 4
- **Output Type:** V, mA
- **Output Range:** 0~5V, 0~10V, ±5V, ±10V, 0~20mA, 4~20mA
- **Output Impedance:** 2.1 Ω
- **Output Settling Time:** 20 μs
- **Driving Load:**
    Voltage: 2kΩ
    Current: 500 Ω
- **Programmable Output Slope:**
    0.125~128mA/sec
    0.0625~64V/sec
- **Accuracy:**
    Voltage: ±0.3% of FSR at 25°C
    Current: ± 0.5% of FSR at 25°C
- **Resolution:** 12-bit
- **Drift:** ±50 ppm/°C
- **Current Load Resistor:** 0~500 Ω

Digital Input

- **Channels:** 4
- Type: Dry Contact
- **Logic level 0:** Open
- **Logic level 1:** Close to GND
- **Support DI Filter**
- **Support Inverted DI Status**
- **Support Trigger to Startup or Safety Value**

General

- **Certification:** CE, FCC, UL
- **LAN:** 2-port 10/100Base-T(X) *(for Daisy Chain)*
- **Connectors:**
    2 x RJ-45 (LAN)
    2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:** 4 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supports Peer-to-Peer** *(Receiver only)*
- **Supports GCL** *(Receiver only)*
- **Supports Modbus/TCP, TCP/IP, UDP, RESTful Protocols**

Protection

- **Isolation Protection:** 2000 VDC
- **Built-in TVS/ESD Protection**
- **Power Reversal Protection**

Environment

- **Operating Humidity:** 20 ~ 95% RH (non-condensing)
- **Storage Humidity:** 0 ~ 95% RH (non-condensing)
- **Operating Temperature:** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature:** -20 ~ 80°C (-4 ~ 176°F)