

IO-DAIO (combination module)



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combination module

DESCRIPTION :

These modules are used with HMI, PLC or SCADA via Modbus RTU protocol. IO Studio is its PC software for setting communication. Data Acquisition Studio is its PC software for DAQ purpose.

As a professional and experienced manufacturer, we supply high-performance and quality data acquisition modules, which are also called distributed IO modules, IO modules, data acquisition cards, data loggers, and IO cards.

FEATURES

- Portable
- Modbus connectivity
- Simple setup and easy handling

- Upto 128 Module on RS485 network
- Isolated modules available for special applications
- Low-cost IO modules addition to existing PLC system
- Standard software for module configuration and trouble shooting
- Data acquisition software for data storage and Real-time analysis on PC
- IO modules used with the third party softwares via Modbus RTU Protocol
- Interface with field devices to provide real-time data for SCADA / PLC / HMI
- LEDs on every modules for digital IO status, communication and power supply
- Different types of IO Modules AI, AO, DI, DO, RTD, Thermocouples are available
- Direct reading of temperature without scaling by using RTD and Thermocouple Modules

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Analog Inputs	2	0-20 mA/0-10 V DC, Resolution: 12 bit, I/P Impedance: 250 Ohms for current I/P, 190 K Ohms for Voltage I/P
Analog Outputs <small>-Top-</small>	1	0(4)-20 mA/0(2)-10 V DC, Resolution: 12 bit, Drift: 100 PPM/Deg.C Accuracy: 0.05 % of span, Load: 1000 ohms @ 24 V for Current, 2000 Ohms for voltage output.
Digital Inputs	4	Counter, 32 bit, Frequency: 50 Hz, Pulse width: 20 ms, Voltage: 10-26 V DC
Digital Outputs	2	Open collector, 36 V DC (Max), 100 mA/Output
RTD Inputs	2	Connection: 2/3 wire, Types: PT100/Ni120/PT1000, Resolution: 0.1 deg.C Isolation: 1500 V RMS
Power supply		"+12 V to +24 V"

[DOCUMENTATION](#) :

Brochure: [LFIOA \(1.94MB / 6 pages \)](#)

User Manual: [UMIOE \(1.72 MB / 78pages \)](#)

Communication settings software: [IOStudioV2.1](#)

