



**Model: I-8172**

## I-8172

2-port FRnet module



Manual



Hardware



FAQ

### Functional Description

The ICPDAS WinCon-8000, LinCon-8000 and I-8000 series modules are all Programmable Automation Controller (PAC) that use an I-8172 FRnet communication module to implement an FRnet network. The I-8172 is an isolated FRnet communication controllers. The I-8172 has two FRnet ports, each FRnet port can control a maximum of 16 communication nodes, numbered from 0 to 15. Each single node of the remote I/O module can control a maximum of 16 DI/DO channels. In other words, each FRnet port can control a maximum of 128 DI and 128 DO channels.

[back](#)

### Applications

- Industrial Automation
- Remote I/O control
- Building Automation
- Parking Lot Management

[back](#)

### Specifications

- Communication speed: 250Kbps
- Cyclic Scan time:  
128 input/128 output points@2.88 ms
- Communication distance: 400m max
- Wire cable: (shielded) Twisted-pair cable

[back](#)

### General Specifications

- Power consumption: 1.25W Max
- Operating temperature: -25°C ~ +75°C
- Operating humidity: 10% ~ 90% RH, non-condensing
- Storage temperature: -30°C ~ +85°C

- Storage temperature: 0°C ~ 40°C
- Storage humidity: 5% ~ 95% RH, non-condensing

[back](#)

### Ordering information

I-8172                      2-port FRnet module

[back](#)

### Accessories

FR-2053T                      16-channel isolated DI module with 20-pin screw terminal connector  
FR-2057T                      16-channel isolated DO module with 20-pin screw terminal connector

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