

EC4-P16 series Quick Start

Packing List

In addition to this guide, the package includes the following items:



Technical Support

service@icpdas.com www.icpdas.com

Resources

How to search for ESI, manuals and spec information on ICP DAS website.

• For Mobile Web



Related Information

For more detailed information related to the manual, hardware manual:

http://www.icpdas.com/en/download/index.php?model=EC4-P16

Connecting the Power and Host Switch on module and connect it to an EtherCAT network NOTE: It is recommended to use a dedicated network card and avoid connecting to network to prevent network storms(broadcast storm). **XVerify that LEDs** 1) Connect the Host device to the IN port on module. Green, OK RST **Ethernet Cable** Green, OK 2) Connect the PWR+ pin to positive terminal on a $+10 - +30 V_{DC}$ power supply, and connect the **GND-** pin to the negative terminal. +24VDC GND **Search Modules**

Download and Unzip file to get ESI file

The latest ESI file (ECx-DIO....xmI) can be downloaded from website at

▲ EC4-IO_ESI_XML.zip

Unzip the "ECx-IO....zip" to get the "EC4-IO....xmI" ESI file(XML format)

Install the ESI file

Copy the "**EC4-IO....xmI**" file to the Master Tools installation folder, as indicated in the table below.

Software	Default Path
Beckhoff EtherCAT Configuration	C:\EtherCAT Configurator\EtherCAT
Beckhoff TwinCAT 3.X	C:\TwinCAT\3.x\Config\lo\EtherCAT
Beckhoff TwinCAT 2.X	C:\TwinCAT\Io\EtherCAT

Run the EtherCAT Main software (Beckhoff TwinCAT 2.X)

Switch on power and execute the TwinCAT System Manager (Config mode)



Wire Diagrams

