

Packing List

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



EMP-2848M



Screw Driver



Pin Terminal * 16

Technical Support

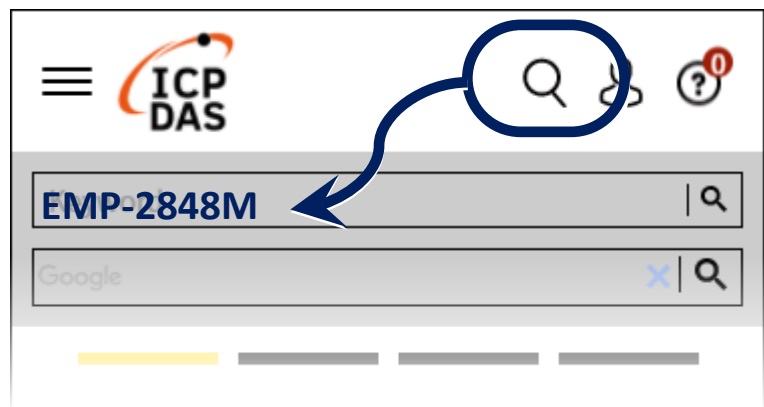
service@icpdas.com

www.icpdas.com

Resources

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

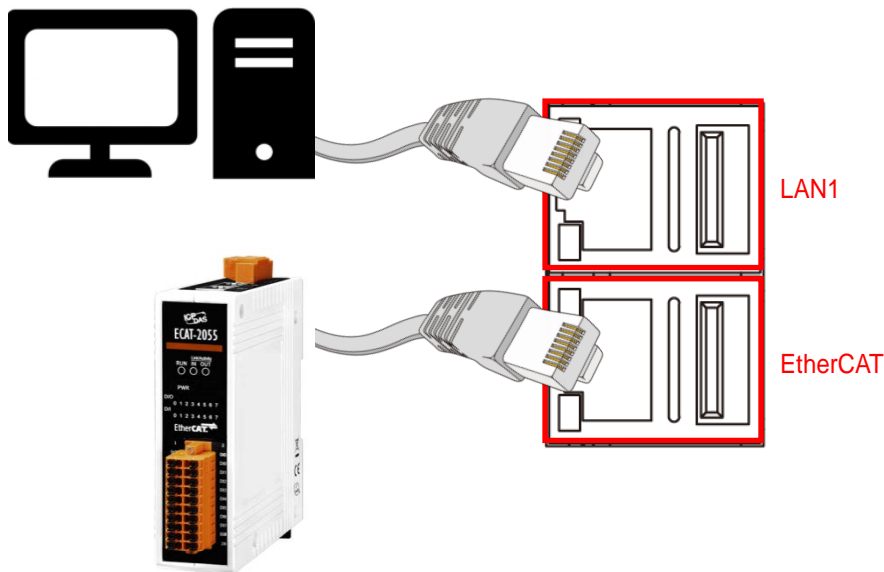
- For Mobile Web



- For Desktop Web

1 Connect to PC, EtherCAT Slave and Power

- 1) Connect the PC to the LAN1 port on EMP-2848M module. Connect the EtherCAT slave (ECAT-2055) to the EtherCAT port on EMP-2848M module.



- 2) Connect the **PWR.** pin to positive terminal on a **+10 - +30 V_{DC}** power supply, and connect the **P.GND** pin to the negative terminal.



2 Login to the website

- 1) Change PC's IP setting to be in the same network with EMP-2848M.
Ex:

IP	192.168.255.10
Subnet mask	255.255.0.0
Gateway address	192.168.1.1

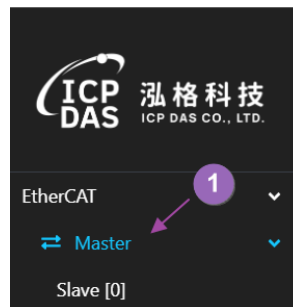
- 2) Open a PC side browser. Type http://192.168.255.1 in the URL address. Use default username/password admin/admin to login the website. You must change your password when you first login.



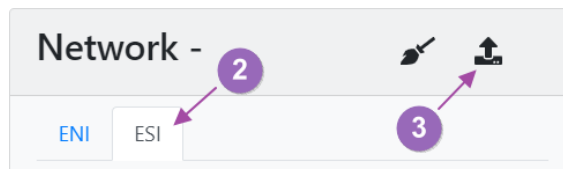
3 Control the EtherCAT slave

- 1) Upload slave module ESI file.

- (1) Click on the EtherCAT->Master node

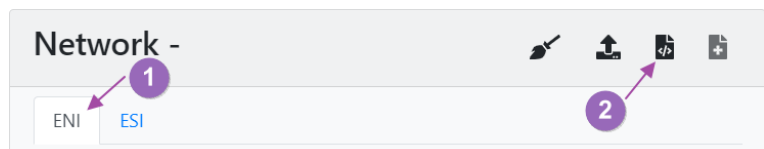


- (2) Click the Network->ESI tab
(3) Click the upload button

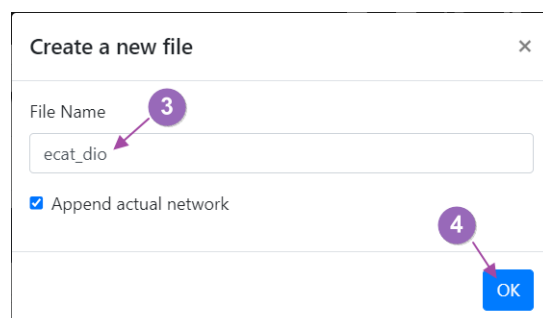


- 2) Create ENI file.

- (1) Click the Network->ESI tab
(2) Click the create ENI button



- (3) Enter the file name in the new file dialog
(4) Click the OK button

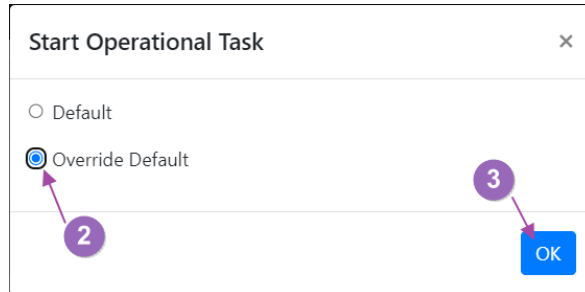


3) Start the EtherCAT operation task.

- (1) Click the Start EtherCAT operation task button in the toolbar

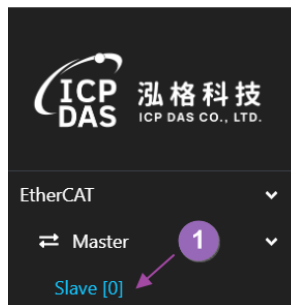


- (2) Select the Override Default option in the operation task dialog
- (3) Click the OK button

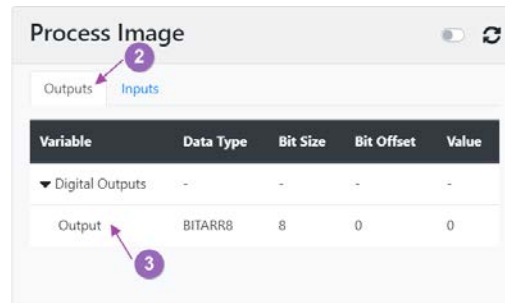


4) Control slave module °

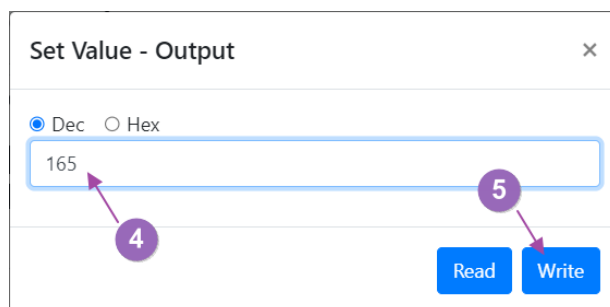
- (1) Click on the EtherCAT->Slave node



- (2) Click the Process Image->Outputs tab
- (3) Double-click the Output variable. The Read/Write dialog appears.



- (4) Enter a value of 165
- (5) Click the Write button



- (6) Make sure the ECAT-2055 front panel I/O indicator 0,2,5,7 is On

