ECAN-240 Quick Start

V2.0, April 2023

Packing List

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



ECAN-240



Screw Driver

Technical Support

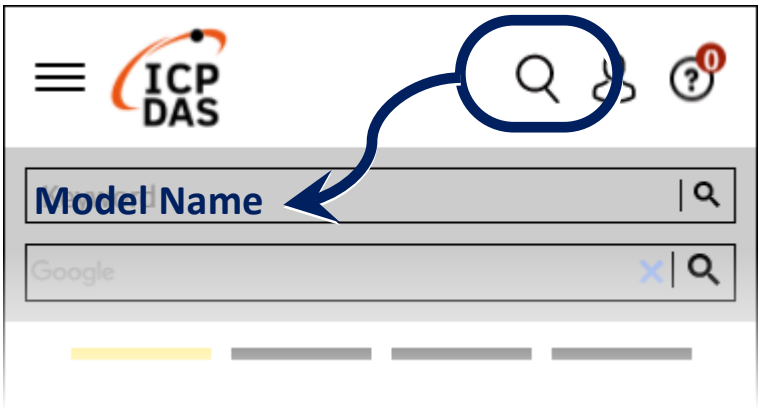
service@icpdas.com

www.icpdas.com

Resources

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

- For Mobile Web



- For Desktop Web



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1 LED Indicator

LED	Behavior	Description
Power (Red)	ON	The power of the module is ON
ST1 (Red)	ON	CAN1 Bus is OFF (*Note)
	Flashing	An error has occurred on CAN 1
ST2 (Red)	ON	CAN2 Bus is OFF(*Note)
	Flashing	An error has occurred on CAN 2
TX1 (Green)	Flashing	A CAN message was successfully transmitted on CAN1
TX2 (Green)	Flashing	A CAN message was successfully transmitted on CAN2
RX1 (Green)	Flashing	A CAN message was successfully received on CAN1
RX2 (Green)	Flashing	A CAN message was successfully received on CAN2

*Note: The CAN Bus will be set to OFF if there are too many faults or if communication is interrupted. In this situation, the ECAN-240 module will automatically restore the Bus and the LED will become OFF.

2 Rotary Switch

CAN1_SW	CAN2_SW	Description
Value		
0	0	CAN Bus Baud Rate = 10 kbps.
1	1	CAN Bus Baud Rate = 20 kbps.
2	2	CAN Bus Baud Rate = 50 kbps.
3	3	CAN Bus Baud Rate = 80 kbps.
4	4	CAN Bus Baud Rate = 100 kbps.
5	5	CAN Bus Baud Rate = 125 kbps.
6	6	CAN Bus Baud Rate = 250 kbps.
7	7	CAN Bus Baud Rate = 500 kbps.
8	8	CAN Bus Baud Rate = 800 kbps.
9	9	CAN Bus Baud Rate = 1 Mbps.
A	A	User-defined CAN Bus baud rate.
B~E		Reserved.
F	B	Load factory default IP, Mask, Gateway values and not save into EEPROM.

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	C	Module self-testing function. Tests the two CAN Buses and the UDP broadcasting function.
	D	Load all factory default values and saves them to the EEPROM.
	E	Reserved.
	F	Bootloader mode.

3 Search and Configure ECAN-240 module

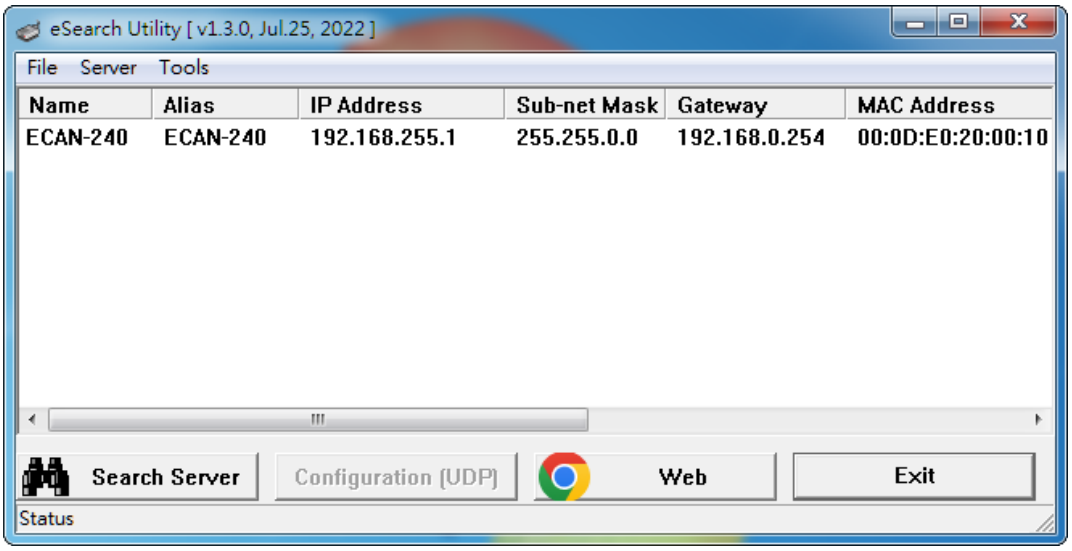
When users want to search and configure the module, the eSearch Utility tool may be needed.

Step 1: Install the eSearch Utility

The software is located at:
https://www.icpdas.com/en/download/show.php?num=1327&nation=US&kind1=&model=&kw=esearch

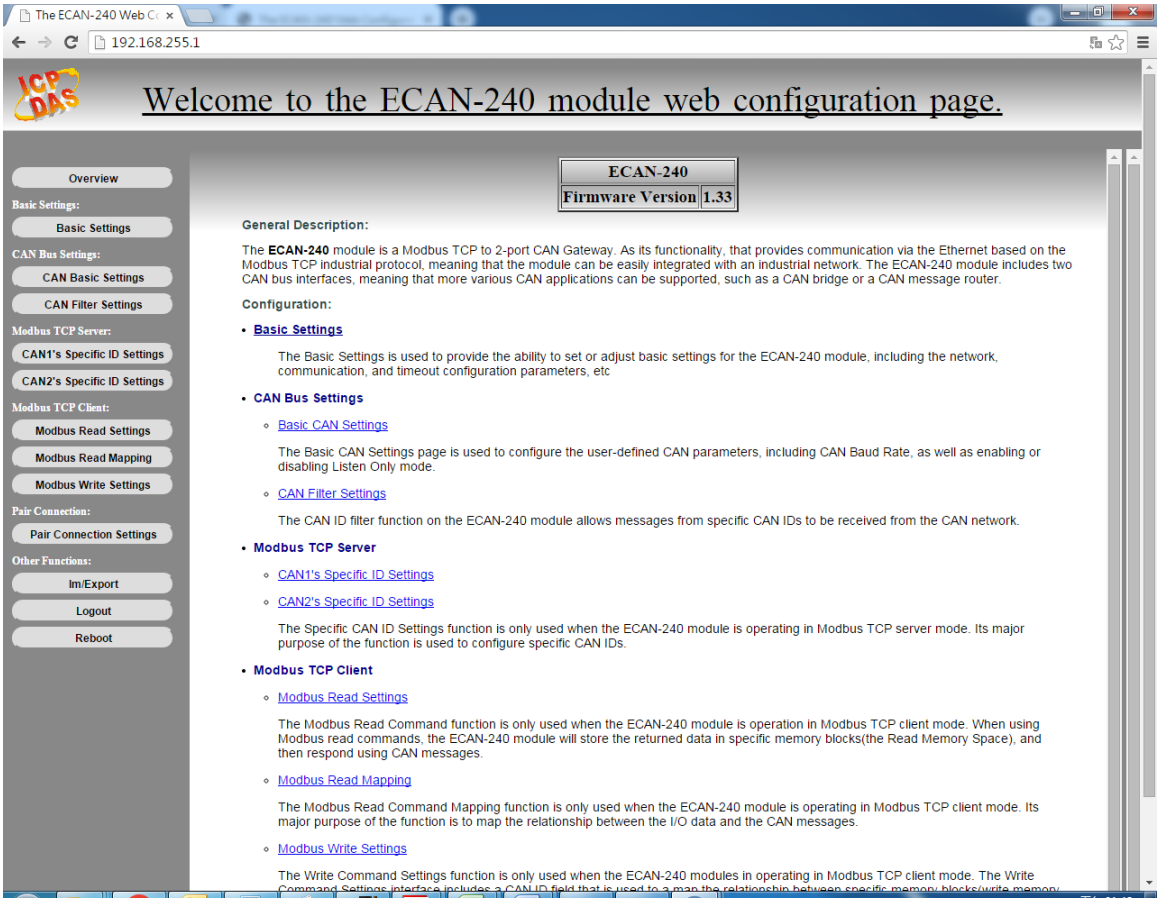
Step 2: Search and configure ECAN-240 module

1. Open the eSearch Utility
2. Click the **"Search Server"** button to search for the ECAN-240 module



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3. Click the “**Web**” button to open the web browser
4. Configure ECAN-240 via web browser



Factory Default Settings of ECAN-240 Module:

IP Address	192.168.255.1
Subnet Mask	255.255.0.0
Gateway	192.168.0.1

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