MDC-211-433 Quick Start

v1.0, November 2024

Packing List

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



MDC-211-433
(Includes antenna)

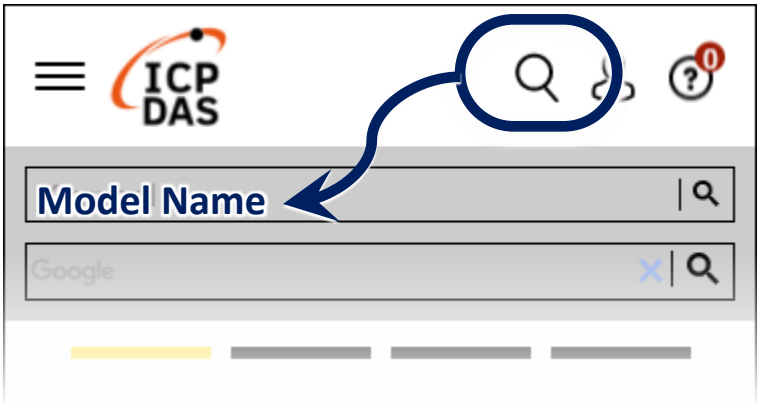
Technical Support

service@icpdas.com
www.icpdas.com

Resources

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

- For Mobile Web

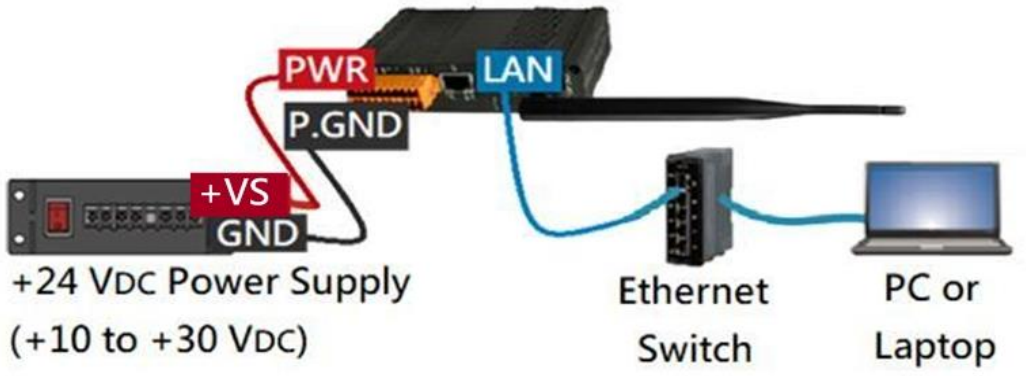


- For Desktop Web



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1.Connecting to PC, Ethernet and Power Supply



※ Connect the RS-232 or RS-485 to the Modbus device according to the requirement.

2. Network Connection

Factory Default			
Network communication	IP	192.168.255.1	Please follow your case to modify the network settings.
	Mask	255.255.0.0	
	Gateway	192.168.0.1	
Web account password	Account	admin	Case-insensitive
	Password	admin	

1) The PC and MDC module must be in the same network domain, please change the PC's IP address, or use following software to modify the module's address, detailed steps see the user manual.

- eSearch Utility
  https://www.icpdas.com/tw/product/guide+Software+Utility_Driver+eSearch__Utility

2) Open a PC side Browser (IE / Chrome / Firefox, resolution: 800 x 600 or higher), type the IP address, and log in the web page by the default account and password.

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3. Set Communication Port

Follow these steps to configure the communication port:

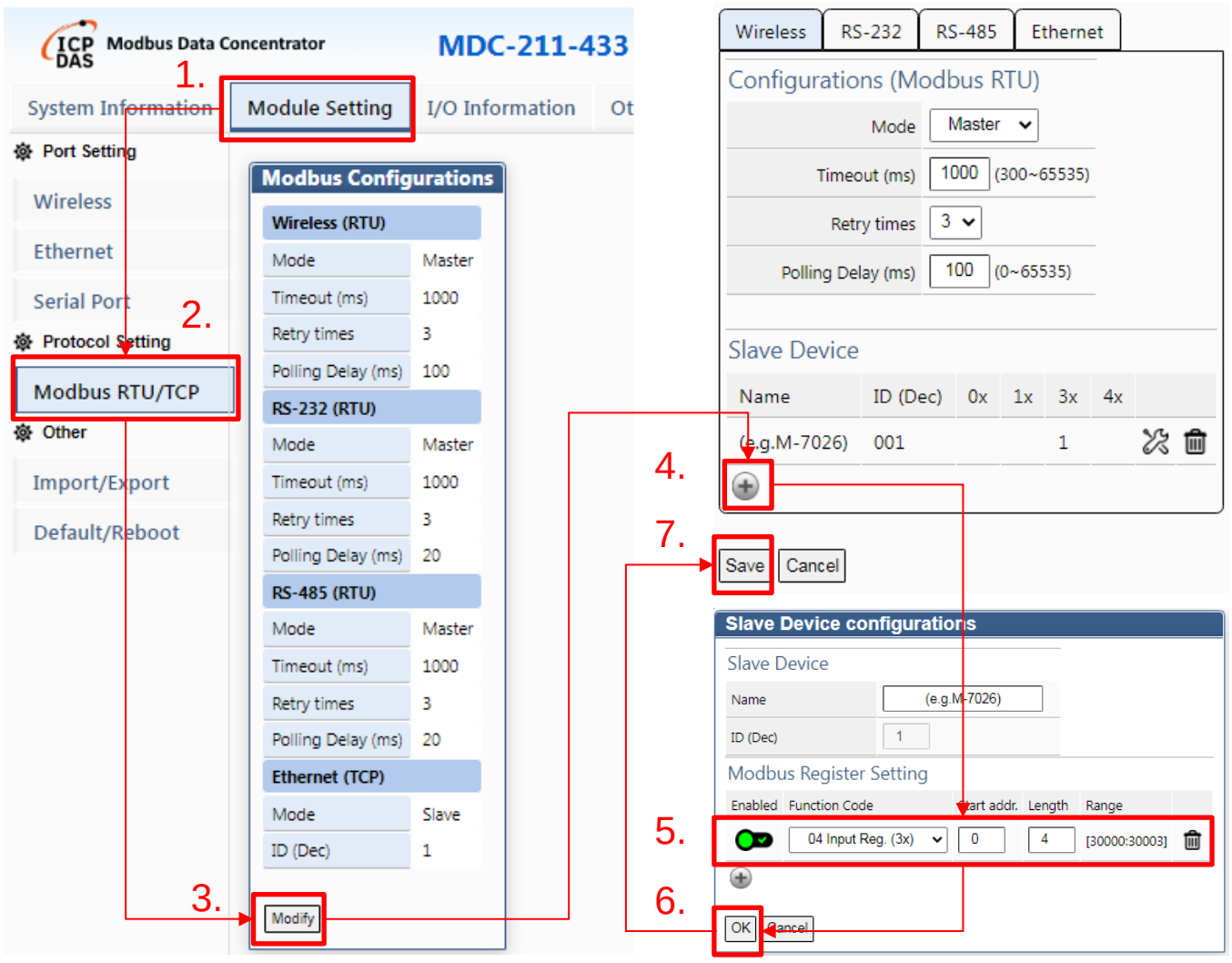
Click【Module Setting】→【Port Setting (Wireless / Ethernet / Serial Port)】→【Modify】→【Save】

4. Set Modbus Master and Modbus Slave

Follow the steps to set up the Modbus related features:

Click【Module Setting】→【Modbus RTU/TCP】→【Modify】→【Save】

※ When the communication port is Modbus master, you can add polling information for the Modbus device.



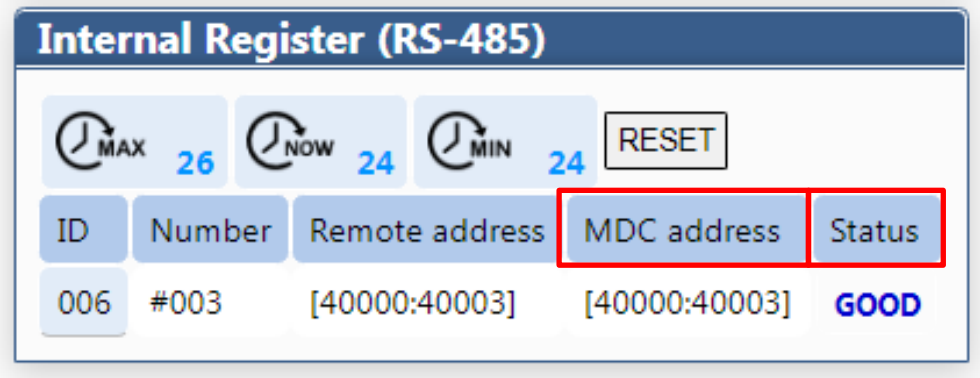
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5. Confirm the Modbus Device Status

The polling status of each Modbus command and the address of the corresponding MDC module's internal register can be viewed on the Web interface.

Click【I/O Information】→【Internal Register】

1) "Status" field displays the real-time polling status of Modbus command.
2) "MDC address" field shows the address of the internal register. The host computer (Modbus Master) can indirectly retrieve the real-time information of the Modbus device.



6. Export and Import the System Setting

Users can import or export a *.csv file for module setting or system backup.

1) Export:

Click【Module Setting】→【Import/Export】→【Export】

2) Import:

Click【Module Setting】→【Import/Export】→【Choose File】→【Import】

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