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● How to Update the Module List ?

The **Module List** is a **quick function list** for the UA series to create the **Modbus Address Mapping Table**.

When setting the **Modbus RTU/TCP** module in the UA Web interface, if the user selects the ICP DAS modules, he can use this quick function to create the Modbus Mapping Table. **Just one click** to the model on the Module List, then the system will automatically load the module and configure the complex Modbus Address Mapping Table for the module. It saves customers more time and effort to build a project.

The screenshot shows the web interface for the ICP DAS UA-2200/5200 IIoT Communication Server. The main content area is titled "Modbus RTU Module List". At the top, there is a "Serial Port" dropdown set to "ttyO2". Below this, a red box highlights the "Load ICPDAS Module" section, which includes a "Select The Module" dropdown and an "Update ICPDAS Module List" button. The main table lists modules with columns for "No.", "*Module Name / Nickname", and "Edit". The table contains three rows: No. 1 (M-7026-G), No. 2 (M-7026), and No. 3 (M-7055D). A dashed blue box highlights the "Add" button (a plus sign in a circle) and the "No." dropdown menu, which is currently set to "4". At the bottom of the table, there are "Copy" and "Remove" buttons, and a pagination control showing "< 1 / 1 >". A "Remove all" button is located at the bottom left, and a "Save" button is at the bottom right. The footer of the page reads "© ICP DAS Co., Ltd. All Rights Reserved".

The ICP DAS R&D team continuously expands this Module List to provide more series and models. Please **update the ICP DAS Module List in the following steps**.

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Step 1: Download the latest Module List

Before updating, please download the latest **Module List** files from the **Firmware** of ICP DAS UA series **download center**. There are RTU and TCP types. Please download and save them to your computer.





UA Series Download Center:

<https://www.icpdas.com/en/download/index.php?nation=US&kind1=&model=&kw=ua->

Firmware

FILE NAME	DESCRIPTION	MODEL	FILE DATE	LAST UPDATE	DETAIL
UA-2200/UA-5200	UA-2200/UA-5200 Series IIoT Communication Server Firmware		2021-04-29	2021-05-04	

<http://www.icpdas.com/en/download/show.php?num=1135&nation=US&kind1=&model=&kw=ua->

FILE NAME	VERSION	FILE DATE	SIZE	NOTE
ICP DAS Module List 泓格模組清單 		2021-04-13	68 KB	
ICP DAS Module List 泓格模組清單 		2021-04-13	104 KB	

Click on the file icons of the Module List to download the zip files, such as the icon in the red circle.

Step 2: Decompress the .zip file to get the .json Module List files

Decompress the downloaded zip files. You can get **.json Module List files**, as shown in the picture below.

ICP DAS Module List - RTU:  RtulcpdasModule.json

ICP DAS Module List - TCP:  TcplcpdasModule.json

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Step 3: Update the Module List

In the Web UI of UA, follow the steps below:

1. Click the main menu **[Module Setting]**
2. Click the submenu **[RTU Module]** or **[TCP Module]**
3. Click the button **[Update ICPDAS Module List]**, select the **".json"** file that decompressed in the previous step (update the RTU/TCP file separate).

The update process is complete now. When one wants to use this quick function, follow step 4.

4. Click the box **[Select The Module]** of the **[Load ICPDAS Module]**, and click on the model number of the Module List. Then the system will automatically load the module and configure the complex Modbus Address Mapping Table for the module. Just in one click!

The screenshot displays the web interface for the UA-2200/5200 IICoT Communication Server. The top navigation bar includes 'System Setting', 'Module Setting' (1), 'IICoT Platform Setting', 'Convert Setting', 'Advanced Setting', and 'Logger Setting'. The left sidebar shows 'Modbus' with 'RTU Module (Master)' (2) selected. The main content area is titled 'Modbus RTU Module List' and features a 'Serial Port' dropdown set to 'ttyO2'. Below this is a 'Load ICPDAS Module' section with a dropdown menu (4) showing a list of module models. An 'Update ICPDAS Module List' button (3) is located to the right of the dropdown. The table below the dropdown has columns for 'No.' (1, 2, 3) and 'Edit' buttons for each row. The bottom of the interface shows a page indicator '< 1 / 1 >'.