

EtherDOT

User Manual

for Ethernet Module Setting Backup/Recover/Mass deploy

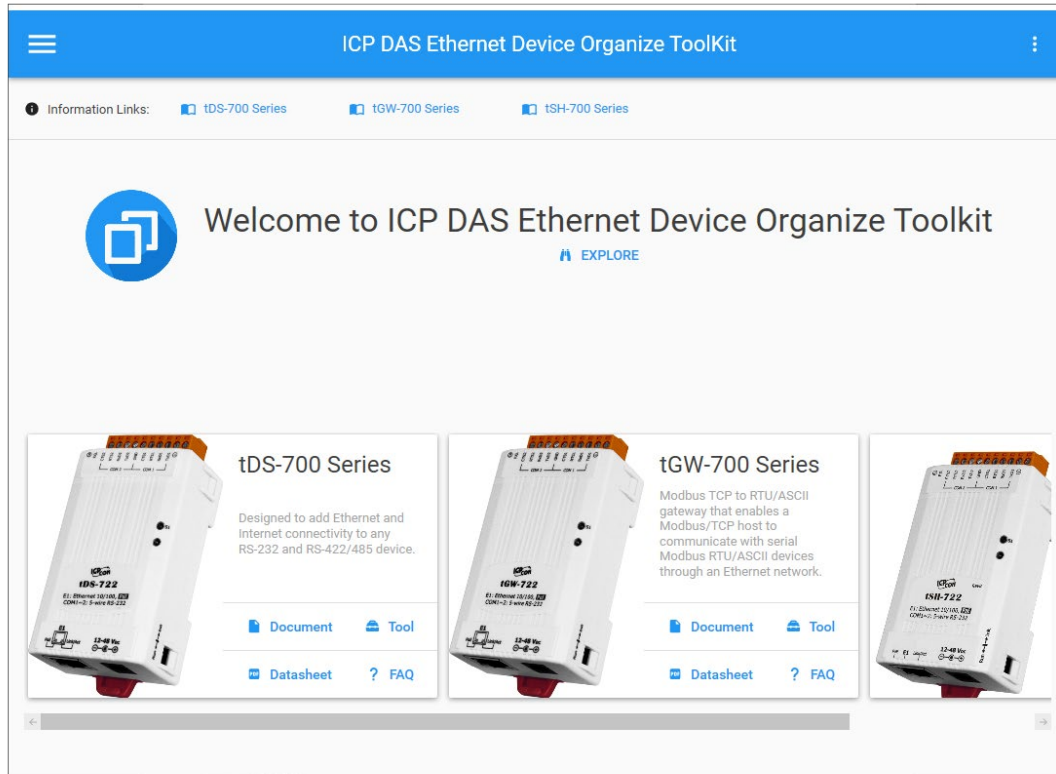










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1. Home

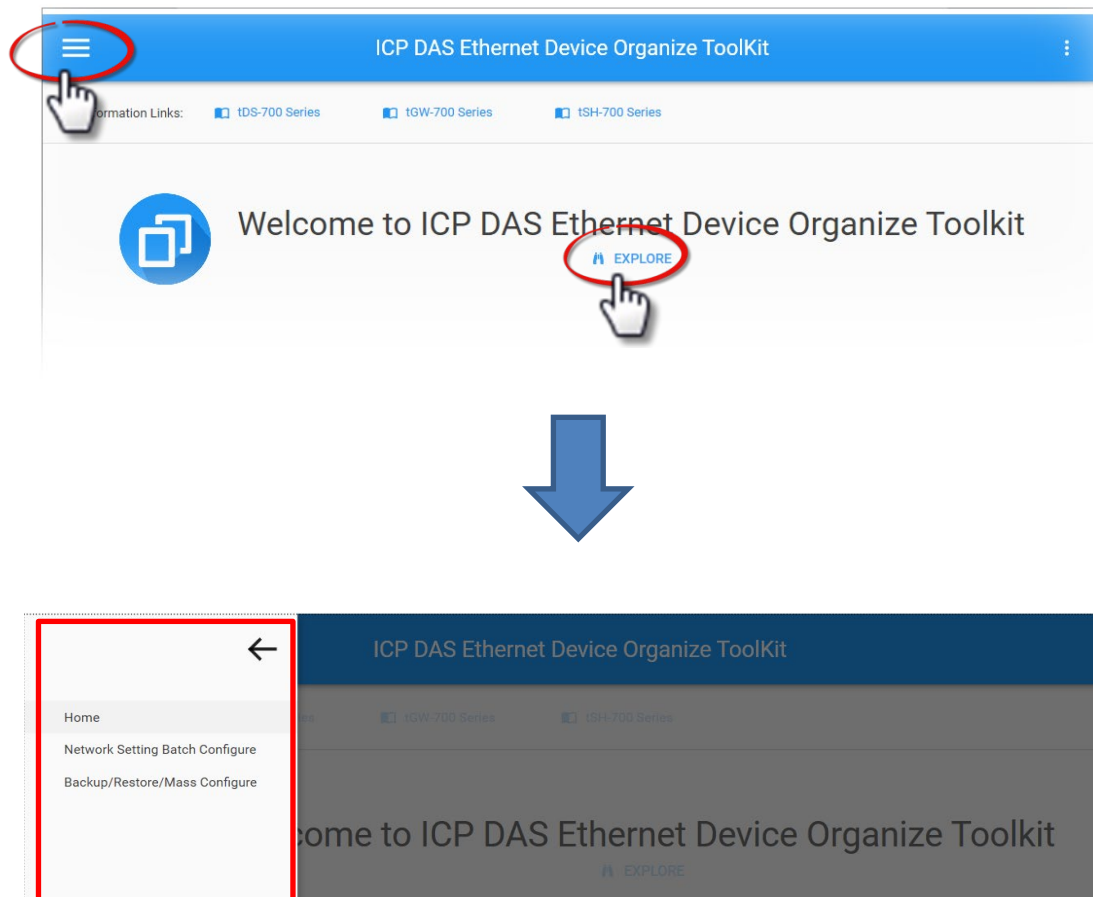
This page shows the supported product and their related links.



	System Menu	The support, information, setting and Exit button of EtherDOT
	EXPLORE	Menu of main function
	EXPLORE	Menu of main function
	Information Link	Product home page
	Document Link	Product related document
	Tool Link	Product related soft program
	Datasheet Link	Product datasheet
	FAQ Link	Frequently asked questions of product

1.1 Change Main Function Page

Click the EXPLORE button and the Menu will stretch out.



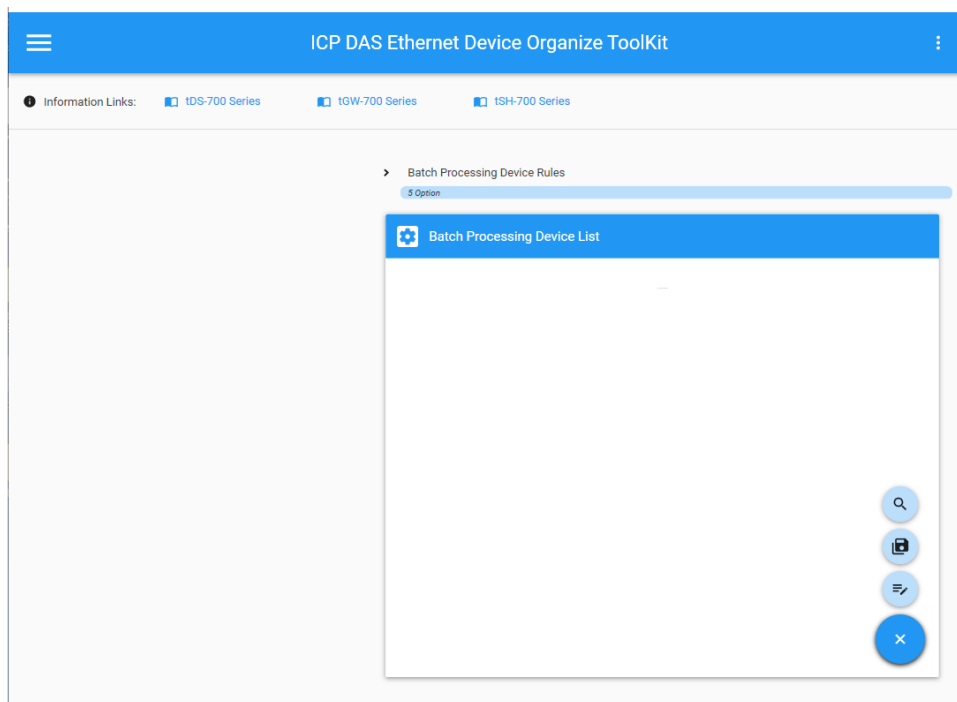
1.2 Exit the EtherDOT




Click the System Menu button and click the Exit in the Bouncing window.



2. Network Setting Batch Configure

This page can batch Network settings of several devices at the same time. In addition, it provides the sequence setting of IP and Alias.

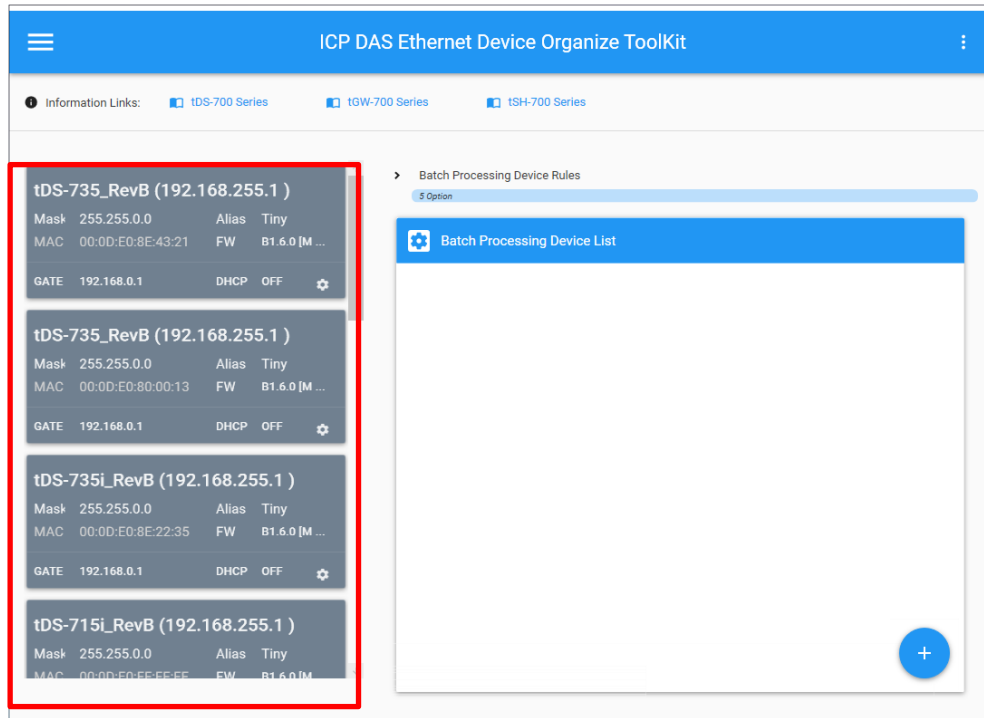


	Search Ethernet Device	Click this button to search for any devices server connected to the same sub network as the Host PC
	Save ALL	Batch the Network setting of all devices which in the Batch Processing Device List
	Batch Edit Device Information	Edit all devices in the Batch Processing Device List with Batch Processing Device Rules

2.1 How to batch several devices

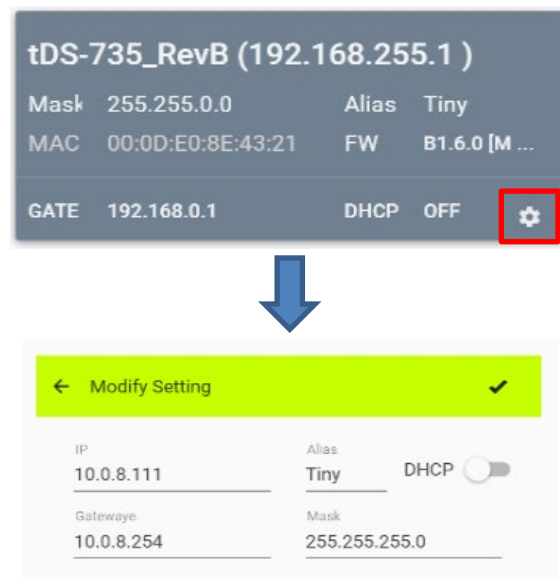
Step 1

Click **Search Ethernet Device** to search devices and the devices will be shown at left Blank place.



Step 2

Use the gear at the nook to set the Network setting of the first device.



Step 3

Double click the devices which you want to process, and the devices will be added to the Batch Processing Device List.

ICP DAS Ethernet Device Organize ToolKit

Information Links: tDS-700 Series tGW-700 Series tSH-700 Series

Batch Processing Device Rules

5 Option

Batch Processing Device List

Dhcp	IP	Name	Alias	Gateway	Mask	Mac
<input type="checkbox"/>	10.0.8.111	tDS-735_RevB	Tiny	10.0.8.254	255.255.255.0	00:0d:e0:8e:43:21
<input type="checkbox"/>	192.168.255.1	tDS-735_RevB	Tiny	192.168.0.1	255.255.0.0	00:0d:e0:80:00:13
<input type="checkbox"/>	192.168.255.1	tDS-735i_RevB	Tiny	192.168.0.1	255.255.0.0	00:0d:e0:8e:22:35
<input type="checkbox"/>	192.168.255.1	tDS-715i_RevB	Tiny	192.168.0.1	255.255.0.0	00:0d:e0:ff:ff:ff

Step 4

Use the Batch Processing Device Rules to batch edit other devices.

Batch Processing Device Rules

5 Option

Dhcp

☐ ON

☒ OFF

IP Address (Depend on the first device)

☒ Automatically generate sequence IP

Alias(Depend on the first device)

☐ Unchange

☒ Automatically generate sequence Alias name[Alias Name + Number]

☐ Automatically generate same Alias name[Alias Name]

Gateway

☒ Automatically generate same Gateway

Mask

☒ Automatically generate same Mask

Step 5

Click **Batch Edit Device Information** to apply the Batch Processing Device Rules and you can preview the setting.

Batch Processing Device List						
Dhcp	IP	Name	Alias	Gateway	Mask	Mac
<input type="checkbox"/>	10.0.8.111	tDS-735_RevB	Tiny0	10.0.8.254	255.255.255.0	00:0d:e0:8e:43:21
<input type="checkbox"/>	10.0.8.112	tDS-735_RevB	Tiny1	10.0.8.254	255.255.255.0	00:0d:e0:80:00:13
<input type="checkbox"/>	10.0.8.113	tDS-735i_RevB	Tiny2	10.0.8.254	255.255.255.0	00:0d:e0:8e:22:35
<input type="checkbox"/>	10.0.8.114	tDS-715i_RevB	Tiny3	10.0.8.254	255.255.255.0	00:0d:e0:ff:ff:ff



Step 6

Click **Save ALL** to apply the Network setting of all devices in the List. And you can view the performance at the left list.

ICP DAS Ethernet Device Organize ToolKit

Information Links: tDS-700 Series tGW-700 Series tSH-700 Series

tDS-735_RevB (10.0.8.111)

Mask 255.255.255.0 Alias Tiny0

MAC 00:0D:E0:8E:43:21 FW B1.6.0 [M ...

GATE 10.0.8.254 DHCP OFF

tDS-735_RevB (10.0.8.112)

Mask 255.255.255.0 Alias Tiny1

MAC 00:0D:E0:80:00:13 FW B1.6.0 [M ...

GATE 10.0.8.254 DHCP OFF

tDS-735i_RevB (10.0.8.113)

Mask 255.255.255.0 Alias Tiny2

MAC 00:0D:E0:8E:22:35 FW B1.6.0 [M ...

GATE 10.0.8.254 DHCP OFF

tDS-715i_RevB (10.0.8.114)

Mask 255.255.255.0 Alias Tiny3

MAC 00:0D:E0:FF:FF:FF FW B1.6.0 [M ...

GATE 10.0.8.254 DHCP OFF

Batch Processing Device Rules

3 Option

Batch Processing Device List





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3. Backup/Restore/Mass Configure

The main function in the EtherDOT is Mass Configure. In this page, the EtherDOT can mass configure several devices at the same time. And you can back up the setting which is often used.



Notice: The passwords of modules have to default “admin”

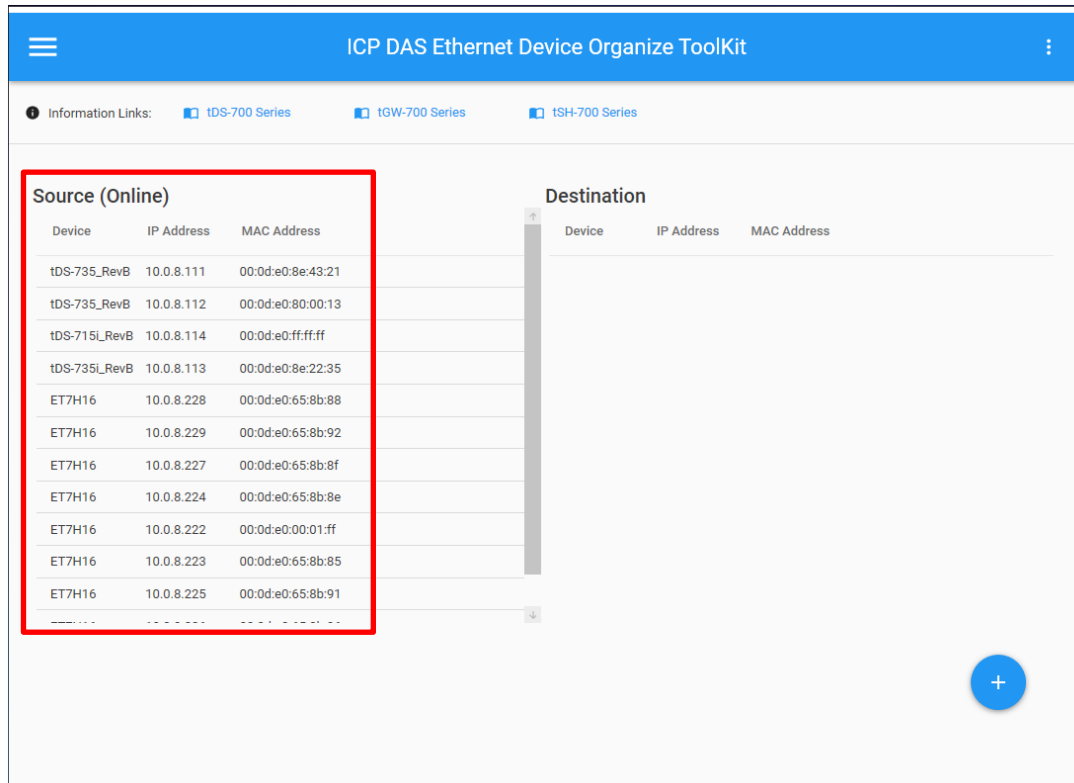
	Scan Device	Click this button to search for any devices server connected to the same sub network as the Host PC
	Clone Setting	After choosing the Source and Destination device, Click this button to clone the Web-Setting
	Export Setting	Export the Web-Setting of the selected Source device to backup
	Import Setting	Import the Web-Setting file as the Source device

3.1 Backup

If the Web-Setting is often used, you can export it to backup. The method of backup is followed as :

Step 1

Click **Scan Device** to search devices and the devices will be shown at the Source list.

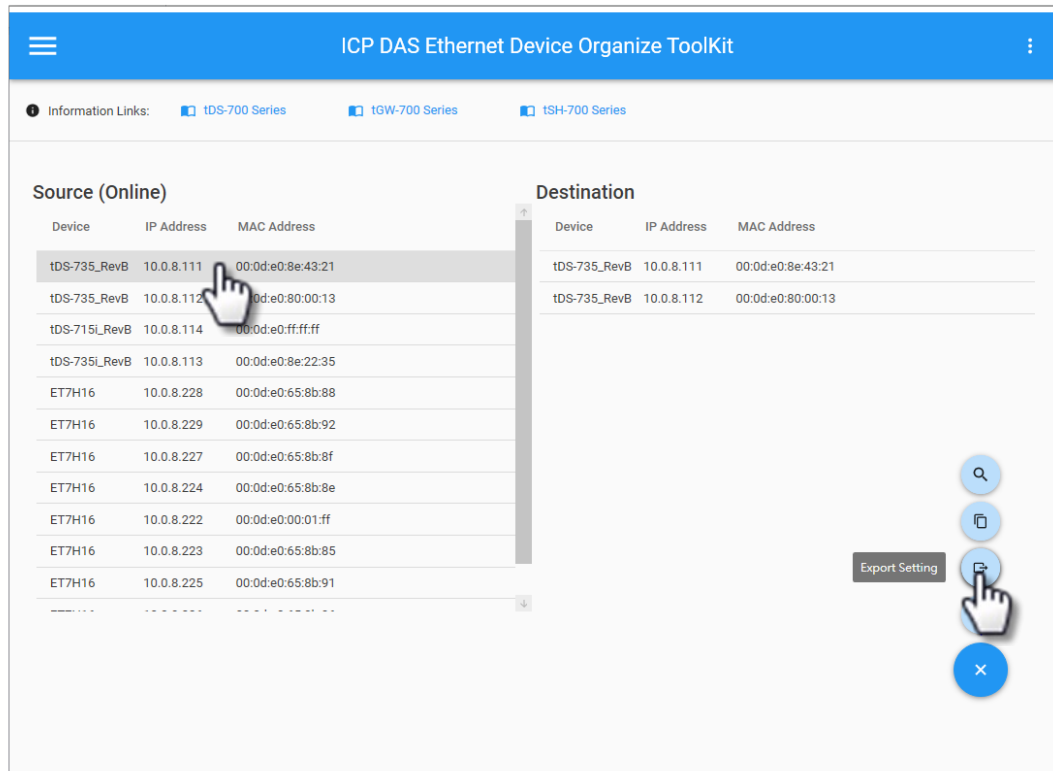


The screenshot displays the ICP DAS Ethernet Device Organize ToolKit interface. The top navigation bar is blue with a hamburger menu icon on the left and a vertical ellipsis on the right. Below the bar, there are links for "Information Links", "tDS-700 Series", "tGW-700 Series", and "tSH-700 Series". The main content area is divided into two sections: "Source (Online)" and "Destination". The "Source (Online)" section contains a table with columns for "Device", "IP Address", and "MAC Address". The "Destination" section is currently empty. A red rectangle highlights the "Source (Online)" table. A blue circular button with a white plus sign is located at the bottom right of the interface.

Device	IP Address	MAC Address
tDS-735_RevB	10.0.8.111	00:0d:e0:8e:43:21
tDS-735_RevB	10.0.8.112	00:0d:e0:80:00:13
tDS-715L_RevB	10.0.8.114	00:0d:e0:ff:ff:ff
tDS-735L_RevB	10.0.8.113	00:0d:e0:8e:22:35
ET7H16	10.0.8.228	00:0d:e0:65:8b:88
ET7H16	10.0.8.229	00:0d:e0:65:8b:92
ET7H16	10.0.8.227	00:0d:e0:65:8b:8f
ET7H16	10.0.8.224	00:0d:e0:65:8b:8e
ET7H16	10.0.8.222	00:0d:e0:00:01:ff
ET7H16	10.0.8.223	00:0d:e0:65:8b:85
ET7H16	10.0.8.225	00:0d:e0:65:8b:91

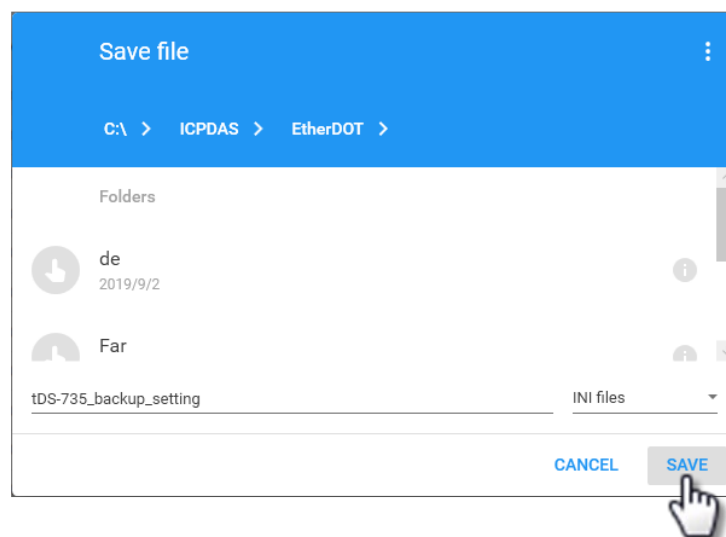
Step 2

Select the device which you want to backup and click the **Export Setting** button.



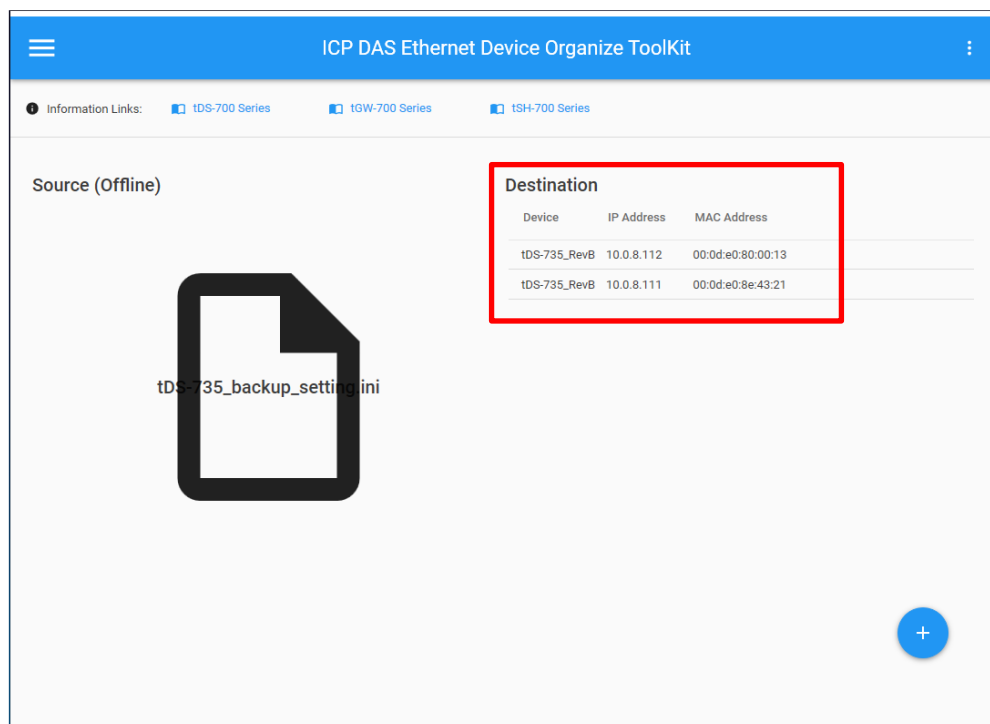
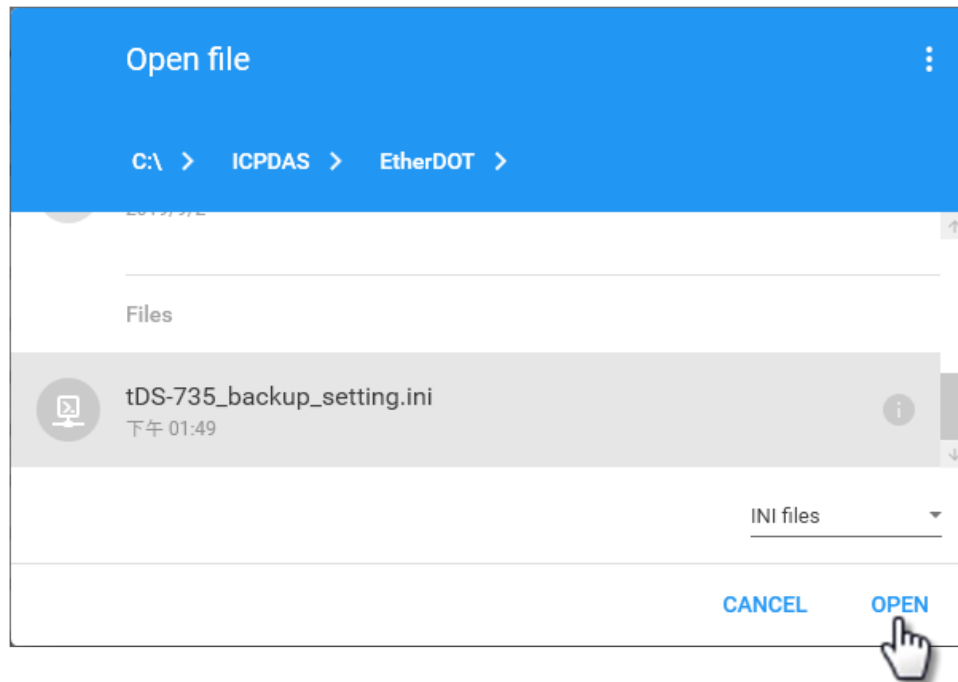
Step 3

Enter the file name and save.



3.2 Restore


Click the **Import Setting** button and Import the Web-Setting file as the Source device. After importing the file, the Destination list will show the same type devices.



3.3 Mass Configure

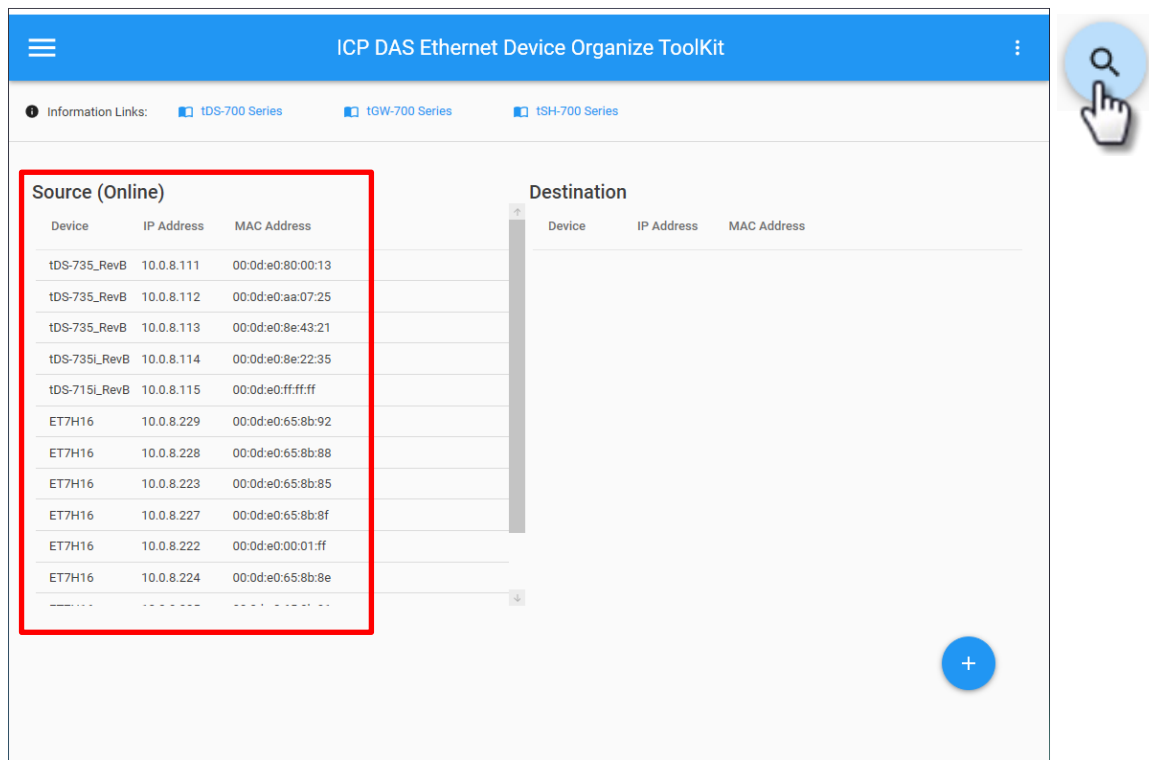
The main function in the EtherDOT. You can use it to batch several same type modules at the same time. It economizes much time to set Web-Settings.

Step 1

 Design Web-Setting of your device which will be Source Device. Please refer the **Document Link** to design your Web-Setting.

Step 2

Click **Scan Device** to search devices and the devices will be shown at the Source list. (Or importing the file, please refer [3.2 Restore](#))



ICP DAS Ethernet Device Organize ToolKit

Information Links: [tDS-700 Series](#) [tGW-700 Series](#) [tSH-700 Series](#)

Source (Online)

Device	IP Address	MAC Address
tDS-735_RevB	10.0.8.111	00:0d:e0:80:00:13
tDS-735_RevB	10.0.8.112	00:0d:e0:aa:07:25
tDS-735_RevB	10.0.8.113	00:0d:e0:8e:43:21
tDS-735L_RevB	10.0.8.114	00:0d:e0:8e:22:35
tDS-715L_RevB	10.0.8.115	00:0d:e0:ff:ff:ff
ET7H16	10.0.8.229	00:0d:e0:65:8b:92
ET7H16	10.0.8.228	00:0d:e0:65:8b:88
ET7H16	10.0.8.223	00:0d:e0:65:8b:85
ET7H16	10.0.8.227	00:0d:e0:65:8b:8f
ET7H16	10.0.8.222	00:0d:e0:00:01:ff
ET7H16	10.0.8.224	00:0d:e0:65:8b:8e
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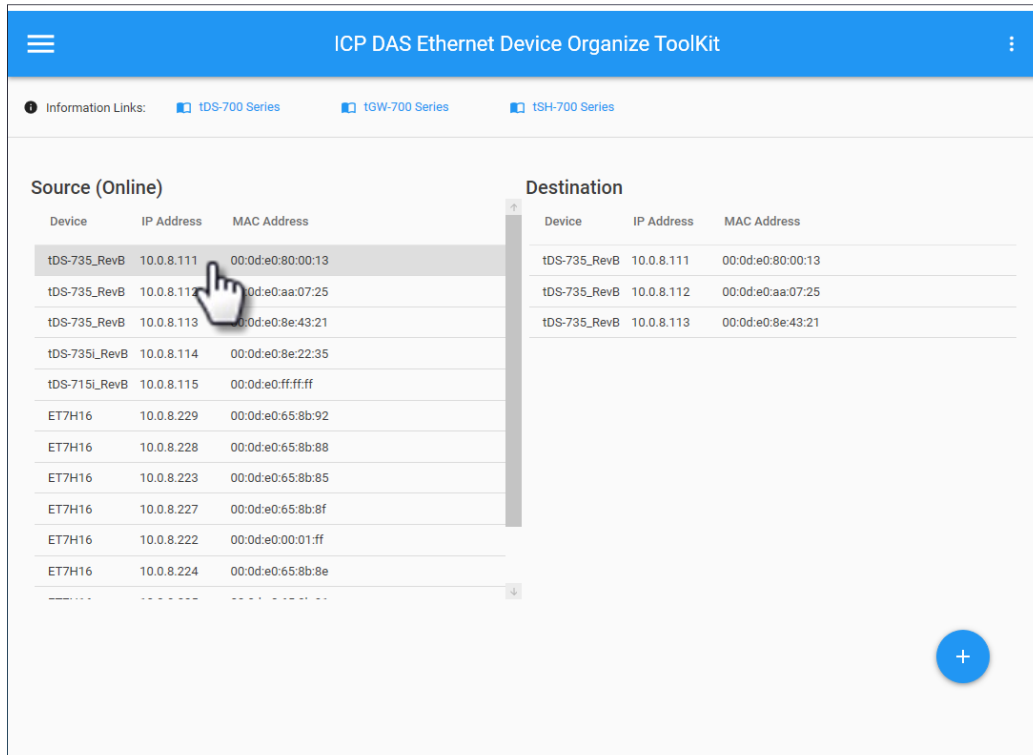
Destination

Device	IP Address	MAC Address
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+

Step 3

Select the Source Device which Web-Setting is designed and the Destination list will show the same type devices.

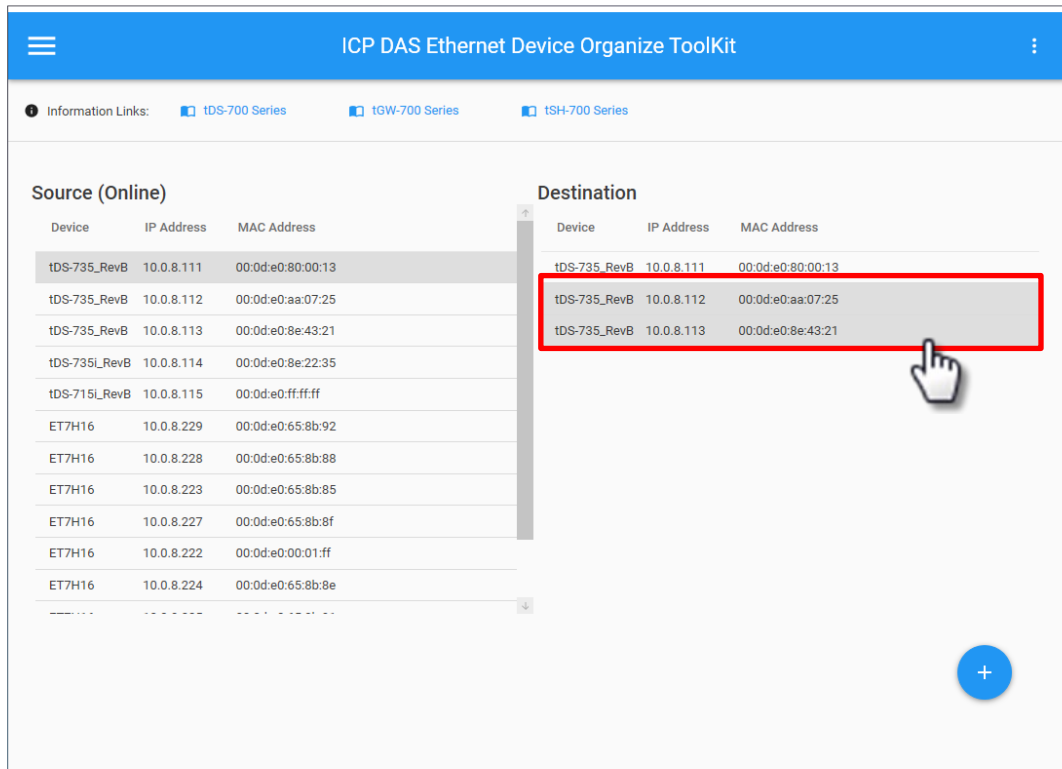


The screenshot shows the ICP DAS Ethernet Device Organize ToolKit interface. It has a blue header bar with the title "ICP DAS Ethernet Device Organize ToolKit" and a menu icon on the left. Below the header, there are three tabs: "Information Links:", "tDS-700 Series", "tGW-700 Series", and "tSH-700 Series". The main area is divided into two sections: "Source (Online)" and "Destination". Both sections have a table with columns "Device", "IP Address", and "MAC Address". The "Source (Online)" table has 15 rows, with the first row highlighted. A mouse cursor is pointing at the first row of the "Source (Online)" table. The "Destination" table is empty. There is a blue circular button with a "+" sign at the bottom right of the interface.

Device	IP Address	MAC Address
tDS-735_RevB	10.0.8.111	00:0d:e0:80:00:13
tDS-735_RevB	10.0.8.112	00:0d:e0:aa:07:25
tDS-735_RevB	10.0.8.113	00:0d:e0:8e:43:21
tDS-735L_RevB	10.0.8.114	00:0d:e0:8e:22:35
tDS-715L_RevB	10.0.8.115	00:0d:e0:ff:ff:ff
ET7H16	10.0.8.229	00:0d:e0:65:8b:92
ET7H16	10.0.8.228	00:0d:e0:65:8b:88
ET7H16	10.0.8.223	00:0d:e0:65:8b:85
ET7H16	10.0.8.227	00:0d:e0:65:8b:8f
ET7H16	10.0.8.222	00:0d:e0:00:01:ff
ET7H16	10.0.8.224	00:0d:e0:65:8b:8e

Step 4

Select the Destination Devices and click the **Clone Setting** button to batch them. (You can select several Destination Devices at once, like as schematic diagram)



The screenshot shows the ICP DAS Ethernet Device Organize ToolKit interface. It has a blue header bar with the title "ICP DAS Ethernet Device Organize ToolKit" and a menu icon on the left. Below the header, there are three tabs: "Information Links:", "tDS-700 Series", "tGW-700 Series", and "tSH-700 Series". The main area is divided into two sections: "Source (Online)" and "Destination". Both sections have a table with columns "Device", "IP Address", and "MAC Address". The "Source (Online)" table has 15 rows, with the first row highlighted. The "Destination" table has 3 rows, with the first three rows highlighted by a red box. A mouse cursor is pointing at the second row of the "Destination" table. There is a blue circular button with a "+" sign at the bottom right of the interface. On the right side of the interface, there is a blue circular button with a document icon and a mouse cursor pointing at it.

Device	IP Address	MAC Address
tDS-735_RevB	10.0.8.111	00:0d:e0:80:00:13
tDS-735_RevB	10.0.8.112	00:0d:e0:aa:07:25
tDS-735_RevB	10.0.8.113	00:0d:e0:8e:43:21
tDS-735L_RevB	10.0.8.114	00:0d:e0:8e:22:35
tDS-715L_RevB	10.0.8.115	00:0d:e0:ff:ff:ff
ET7H16	10.0.8.229	00:0d:e0:65:8b:92
ET7H16	10.0.8.228	00:0d:e0:65:8b:88
ET7H16	10.0.8.223	00:0d:e0:65:8b:85
ET7H16	10.0.8.227	00:0d:e0:65:8b:8f
ET7H16	10.0.8.222	00:0d:e0:00:01:ff
ET7H16	10.0.8.224	00:0d:e0:65:8b:8e