Advantech AE Technical Share Document

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Category	□FAQ ■SOP	Related OS	N/A
Abstract	The configuration guide of WISE-6610 quick setup wizard		
Keyword	WISE, wizard		
Related Product	WISE-6610 Series		

■ **Description**

The document is the configuration guide of WISE-6610 quick setup wizard.

■ **Requirement**

1. WISE-6610 firmware version: v6.2.8
2. LoRaWAN Gateway user module: v2.1.3-20211215T033341Z or above.

■ **Solution - step by step**

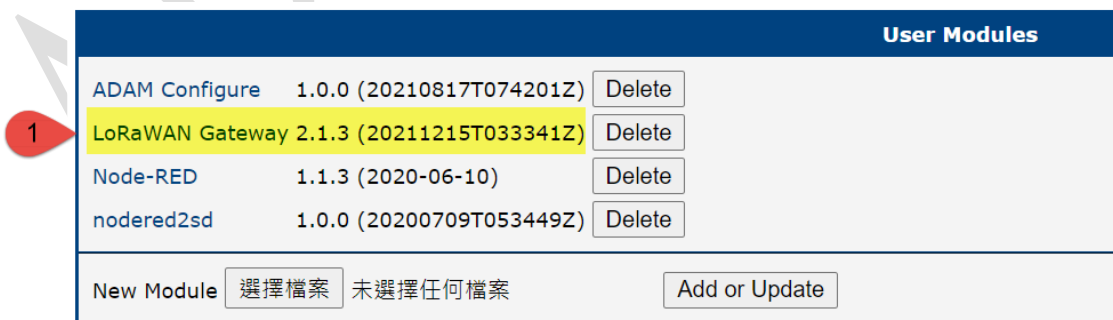Please follow the FAQ to setup WISE-2410 or WISE-4610 connected to WISE-6610.

FAQ: How to connect WISE-2410 with WISE-6610?

https://www.advantech.tw/support/details/faq?id=1-1RTJSL4

FAQ: How to connect WISE-4610 with WISE-6610?

https://www.advantech.tw/support/details/faq?id=1-1QFTV45

Step 1. Install LoRaWAN Gateway User Module into v2.1.3-BETA-20211210T082813Z or above.

Step 2. After installation, go to LoRaWAN Gateway WebGUI and click "Wizard".

Step 3. Select frequency and group. If user don't need to select frequency, please click "Skip" to the next step.

After selection, click "Save and Next" until the pop-up window shows "Success" message.

Step 4. Please wait system connection for about 15 seconds.

Step 5. Set Profile ADR. The default setting is "Auto-Adjust" for automatically increasing/decreasing data rate between node and gateway.

LoRaWAN Gateway Settings

Step 2: ADR settings

Profile US902_WISE6610_Handler

ADR Auto-Adjust

[Previous] [Skip] [Save & Next]

※ User can also skip this step or go to previous page.

Step 6.   Create Nodes with ABP or OTAA.

Please check the LoRa node setting and copy the corresponding parameters into it.

◆   ABP mode

◆   OTAA mode

Step 7.   All nodes will be shown in the ABP/OTAA table. User can also delete specific one.

Please click "Submit" after all nodes are creating.

LoRaWAN Gateway Settings					
Step 3: Create LoRoWAN node					
Join Mode	ABP				
Profile	AS923_WISE6610_Handler				
App Arguments					
Devaddr *	e.g. ABCD1234				
Network Session Key *	e.g. FEDCBA9876543210FEDCBA9876!				
Application Session Key *	e.g. FEDCBA9876543210FEDCBA9876!				
ABP Table					
Devaddr	**Profile**	**App Arguments**	**Network Session Key**	**Application Session Key**	**Delete**
FF54D520	EU868_WISE6610_Handler	WISE-2410	00000000000000000000000000000011	00000000000000000000000000000011	☐
FF556E5E	AS923_WISE6610_Handler	Advantech	00000000000000000000000000000011	00000000000000000000000000000011	☐
OTAA Table					
DevEUI	**Profile**	**App Arguments**	**AppEUI**	**AppKey**	**Node** / **Delete**
74FE48FFFF4C916F	AS923_WISE6610_Handler	WISE-S617	0000000053363137	00000000000000000000000000000011	☐
Previous	Add Node	Delete Node	Submit		

Step 8.   Those nodes can be displayed on Network Server.

◆   OTAA mode – Commissioned

◆   ABP mode – Activated (Nodes)

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