

Advantech AE Technical Share Document

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Category	<input checked="" type="checkbox"/> FAQ <input type="checkbox"/> SOP	Related OS	N/A
Abstract	How to upgrade firmware and user module on WISE-6610		
Keyword	WISE-6610, firmware, user module		
Related Product	WISE-6610 Series		

■ **Description**

This document introduces how to upgrade WISE-6610 firmware and user module.

■ **Brief Solution**

In support portal, user can find the latest WISE-6610 firmware version.

<https://www.advantech.tw/support/details/firmware?id=1-235VF4C>

Please select the correct firmware to your current model.

Model name	Firmware name
WISE-6610-N100-A WISE-6610-N500-A WISE-6610-A100-A WISE-6610-A500-A WISE-6610-E100-A WISE-6610-E500-A	WISE-6610 no LTE version (EU/AS/NA) WISE-6610v1_v6_2_8
WISE-6610-A100C-A WISE-6610-A500C-A	WISE-6610 LTE version (AS) WISE-6610-AX00C V6.2.8
WISE-6610-N100C-A WISE-6610-N500C-A	WISE-6610 LTE version (NA) WISE-6610-NX00C V6.2.8
WISE-6610-E100C-A WISE-6610-E500C-A	WISE-6610 LTE version (EU) WISE-6610-EX00C V6.2.8

Table 1. Firmware selection.

Check the default firmware version, if the firmware version is not v6.2.8, please follow the following steps to upgrade.

WISE-6610-N100-A

Status	General Status
<ul style="list-style-type: none"> General Network DHCP IPsec DynDNS System Log 	<p>Primary LAN</p> <p>IP Address : 192.168.1.1 / 255.255.255.0 IPv6 Address : Unassigned MAC Address : FE:5A:72:96:60:A0 Rx Data : 85.3 KB Tx Data : 36.2 KB</p> <p>» More Information «</p>
<ul style="list-style-type: none"> Configuration 	<p>Peripheral Ports</p> <p>Expansion Port : RS-232 Binary Input : Off Binary Output : Off</p>
<ul style="list-style-type: none"> LAN VRRP PPPoE Backup Routes Static Routes Firewall NAT OpenVPN IPsec GRE L2TP PPTP Services Expansion Port Scripts 	<p>System Information</p> <p>Firmware Version : 6.1.2 (2017-06-12) Serial Number : N/A Profile : Standard Supply Voltage : 24.3 V Temperature : 32 °C Time : 2021-04-13 08:43:31 Uptime : 0 days, 0 hours, 2 minutes</p> <p>» Licenses «</p>

Figure 1. firmware version information

User can download current network server database before upgrading firmware and user module. <https://www.advantech.com/support/details/faq?id=1-1XX3612>

Step 1. Delete current LoRaWAN Gateway user module.

WISE-6610-N100-A

Status	User Modules
<ul style="list-style-type: none"> General Network DHCP IPsec DynDNS System Log 	<p>LoRaWAN Gateway 1.2.5 (BETA-20210119T093552Z) <input type="button" value="Delete"/></p> <p>Node-RED 1.0.1 alfa (2017-03-13) <input type="button" value="Delete"/></p> <p>New Module <input type="text" value="選擇檔案"/> <input type="text" value="未選擇任何檔案"/> <input type="button" value="Add or Update"/></p>

User Module

Module successfully deleted.

Note: User must delete user module before updating firmware.

Step 2. Go to “Administration > Update Firmware”.

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Step 3. After firmware upgrading, adding the latest LoRaWAN Gateway user module version 2.0.X.

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Step 4. Upload the database user downloaded before and go to “Network Server (http)”. The default username and password is root/root.

Navigation	LoRaWAN Gateway Settings
Router LoRaWAN Radio Network Server <ul style="list-style-type: none"> • Settings • Network Server(http) • Network Server(https) • Database Management • Node List Upload MQTT Storage	LoRaWAN Network Server Setting LoRaWAN Network Server Enable <input type="text" value="On"/> Enable LoRaWAN network server. LoRaWAN Server Listen Port <input type="text" value="1680"/> The LoRa network server listen port number (1 - 65535). LoRaWAN Network Server HTTP Port <input type="text" value="8080"/> The LoRaWAN network server HTTP port number (1 - 65535). LoRaWAN Network Server HTTPS Port <input type="text" value="8443"/> The LoRaWAN network server HTTPS port number (1 - 65535).

