

IP HORN SPEAKER IP-A1SC15 V2 UPDATE TOOL

This is a tool to update the IP horn speaker IP-A1SC15 firmware from v1.6.0 to v2.1.0.
Follow the instructions in this document to update.

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1. INTRODUCTION

1.1. Preparation

Prepare the following items when updating the IP horn speaker IP-A1SC15 firmware to v2 version.

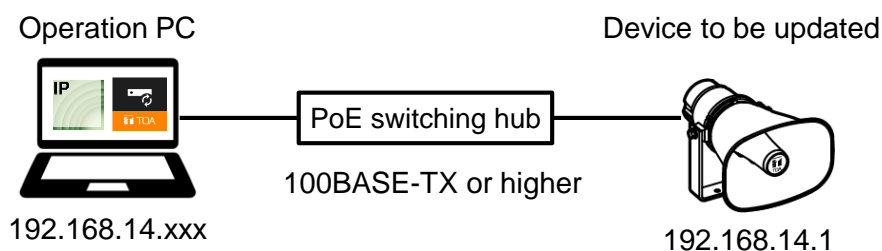
- IP horn speaker IP-A1SC15 (Device to be updated)
- PoE or PoE+ switching hub (For supplying power to the device to be updated)
- IP-A1SC15 v2 Update Tool (This software)
- IP Setting Tool (For discovering devices and changing network settings)

“IP-A1SC15 v2 Update Tool” and “IP Setting Tool” available from TOA DATA Library (<https://www.toa-products.com/international/>).

1.2. Operating Environment of This Update Tool

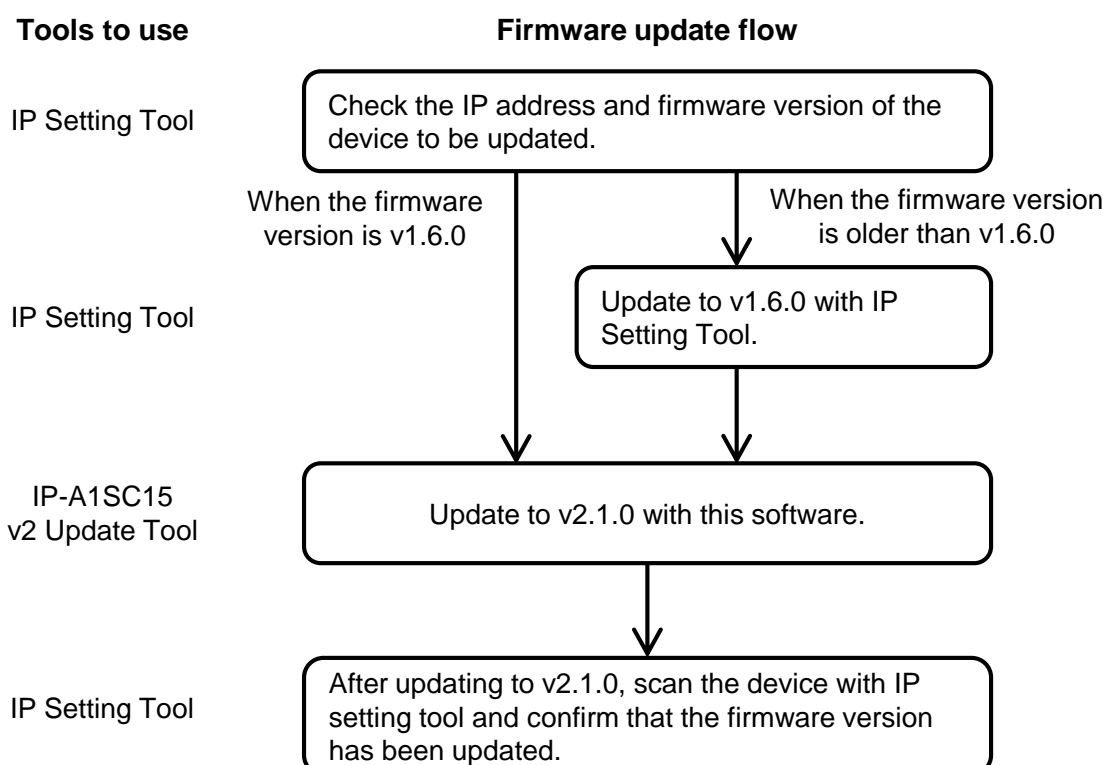
Notes

- Connect the device to be updated and the operation PC on the same segment local area network.
- Use PoE or network switching hub that conforms to 100BASE-TX or higher.



1.3. Firmware Update Flow

Follow the flow below to update firmware.



2. FIRMWARE UPDATE PROCEDURE

Step 1. Start the IP setting tool.

Check the IP address and firmware version of the device to be updated.



Use the IP setting tool to check the IP address and the current firmware version of the device to be updated.

If the F/W is "1.6.0", proceed to **Step 2**. If the F/W is older than "1.6.0", use the IP setting tool to update to "1.6.0" first.

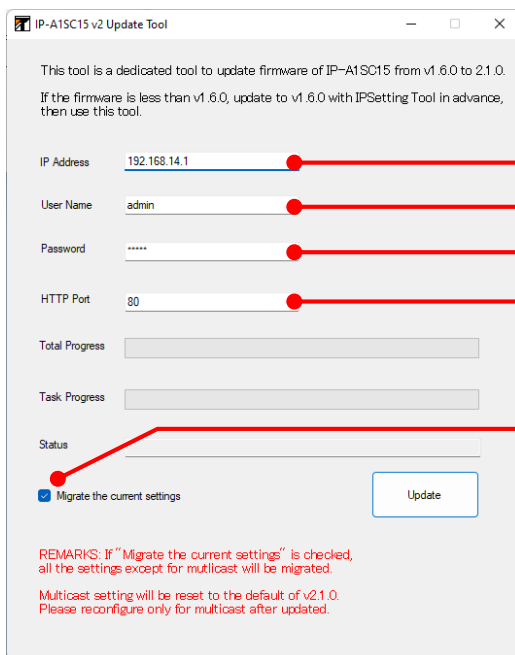
Note the IP address that will be used at **Step 2**.

Step 2. Start the IP-A1SC15 v2 update tool.



IP-A1SC15_v2_Updater.exe

Double-click on "IP-A1SC15_v2_Updater.exe" to start the v2 update tool.



When the v2 update tool starts, the screen on the left is displayed. Then enter the device information to be updated.

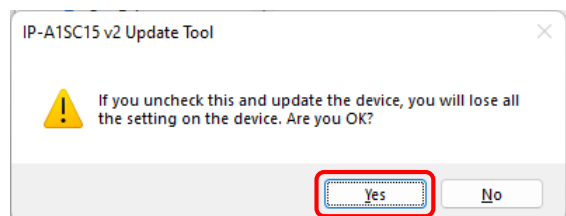
Enter the IP address of the device to be updated.

Enter the login user name for the device to be updated.

Enter the login password for the device to be updated.

If you have changed the HTTP port of the device to be updated, change it accordingly. Normally, use "80" as is.

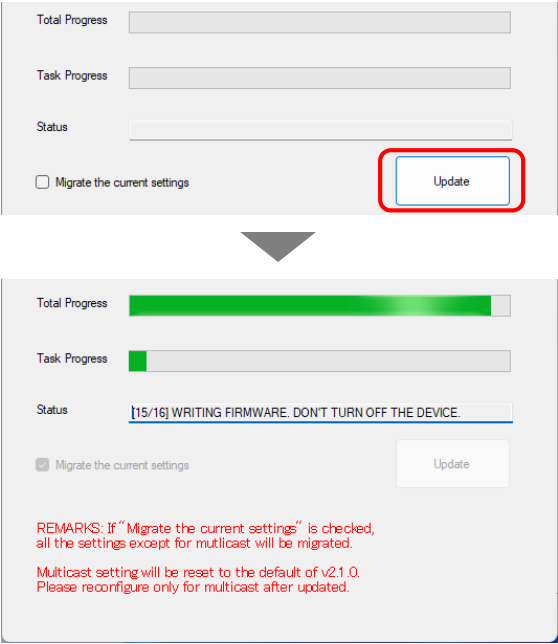
If you want to inherit settings from the device to be updated, check "Migrate the current settings". If you want to initialize settings according to the update, uncheck "Migrate the current settings". At this time, the following message will be displayed. Please confirm and click "Yes".



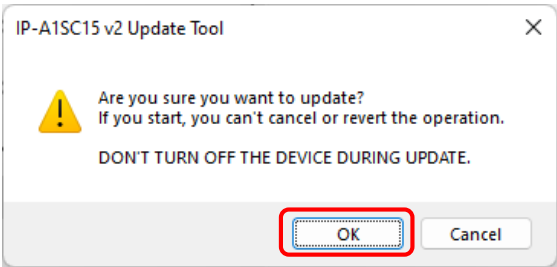
Note

Even if "Migrate the current settings" is checked, the Multicast (multicast setting screen) settings will not be inherited, the default values of v2.1.0 will be applied, and the Multicast Function setting will be "OFF". If you use Multicast function, please re-configure after the update.

Step 3. Click on "Update" to start the firmware update.



After clicking on "Update", the following message is displayed. Confirm and click on "OK" to start firmware update.

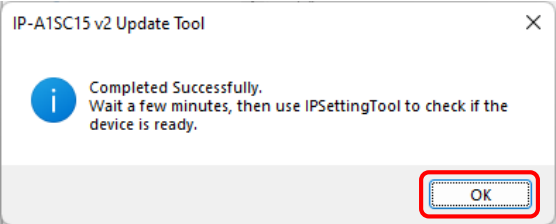


During the firmware update, you can check the progress with the progress bar. Firmware update takes about 8 minutes.

Note

Never turn off the device while updating the firmware.

Step 4. Confirm the success of the update and click on "OK".



When the firmware update is complete, the left screen will be displayed. Click on "OK" to finish the firmware update process.

Step 5. Scan the device with the IP setting tool and check the firmware version.

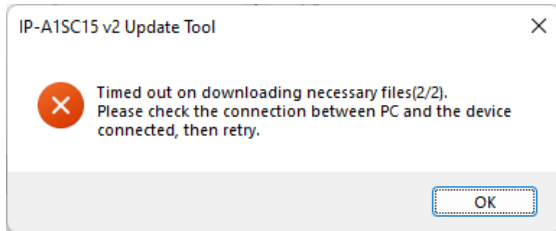


After rebooting the device to be updated, check the status of the device with the IP setting tool.

Click "Scan" to discover the device and confirm that the F/W is "2.1.0".

3. HOW TO DEAL WITH ERROR MESSAGE

If the network between the update target device and the operating PC is unstable or has an issue, the following message may appear.



Click on "OK" to cancel the update process.
Check the network communication, and then repeat the procedure from **Step 1**.

4. OPEN SOURCE SOFTWARE

This product uses software based on open source software license(s).

If you need further information about the original open source software including source code, please download it from the TOA DATA Library (<https://www.toa-products.com/international/>). Please note that we cannot answer any questions about the contents of the original source code.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).