

AP-S15HRIP / AP-S15IP / AP-S158IP

Discovery Software User Guide & Firmware Update Guide

Introduction

Thank you for purchasing this AtlasIED IP Enabled Power Distribution system. This document is designed to provide a high-level overview of the IP Power Distribution Discovery Software & Firmware Update Process. AtlasIED recommends visiting www.atlasied.com, downloading, and reading the manual for the specific model purchased before proceeding. The AtlasIED IP Discovery Software provides a method to search for Atlas Power IP (AP-IP) devices that are connected to the same LAN (Local Area Network) and a method to update the firmware. The AtlasIED IP Discovery Software and related guides can be downloaded at www.atlasied.com/ip-enabled-power-distribution.

Once the AtlasIED Power IP devices are discovered, an easy access IP address link to the unit's web GUI interface is provided along with the unit's name, firmware revision and the MAC address. The last 4 digits of the MAC address is the unit's factory default login password. It is common for IP products to have firmware updates. The AP-IP Discovery software is also used to update the unit's firmware. We recommended checking the unit's firmware revision to take advantage of the latest features and improvements. Compare the firmware revision listed in the AP-IP Discovery Software to the firmware listed on the AtlasIED web page. If firmware needs to be updated, follow the guide "Updating AP-IP Firmware".

Before Using the AP-IP Discovery Software

1. AtlasIED recommends that AP-IP Power Distribution systems be installed by a qualified electrician, AV or IT technician. The manual must be read in its entirety before starting the installation.
2. Install the temperature / humidity probe in the rear port marked "Sensor." **Note:** The unit will not function without the temperature probe installed. The front panel alarm LEDs will flash indicating the probe is not installed.
3. Install the remote LED data display into the rear port marked "Display."
4. Install the power cord and retainer clip.
5. Make sure the power switch is in the On / Up position and the switch is illuminating.
6. Install an Ethernet cable and connect to the LAN (Local Area Network).

Accessing the Unit's WEB Interface

The AtlasIED AP-IP Power Distribution system's GUI control panel is designed to be accessed via the LAN (Local Area Network) and local computer. External software is not required for operation. The Web browser GUI control interface software is embedded in the unit. Remote access to the device can be set up through a VPN connection by working with the client or facility's IT administrator.

Finding the Unit's IP Address

There are two methods to find the unit's IP address. **Note:** All AtlasIED AP-IP Power Distribution systems ship (factory default) in DHCP mode.

1. Using the AP-LEDIP external display is the fastest way to discover the IP Address. Plug the AP-LEDIP display into the AP-IP Power Distribution system's display port. On the display, press and hold down the viewing selection button until the IP address starts to scroll across the display. An IP address example would be 192.168.1.138.
2. You can search the LAN for AP-IP Power Strips using a specified range of IP address within the LAN. To do so, you need to know the router's range assignment of IP address. This IP address range must be entered into the AP-IP Discovery Software. An IT technician can provide you the IP address range assigned or, if the computer Network Interface Card (NIC) card is on the same LAN, you can select this IP address and it will auto fill the range of IP addresses that are needed to be scanned.
3. For static IP address operation refer to the AP-IP Power Strip manual that can found at www.atlasied.com/ip-enabled-power-distribution

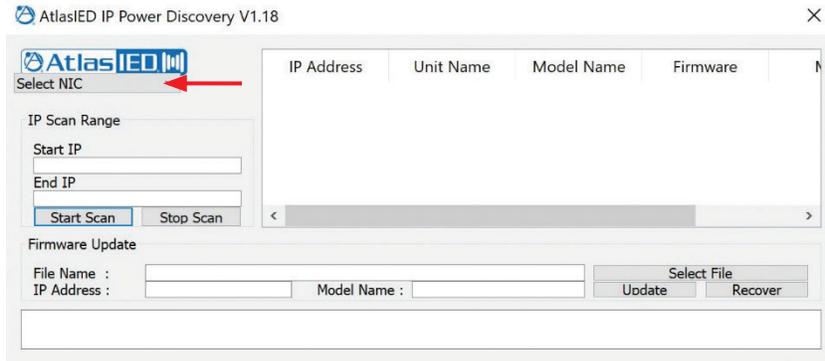
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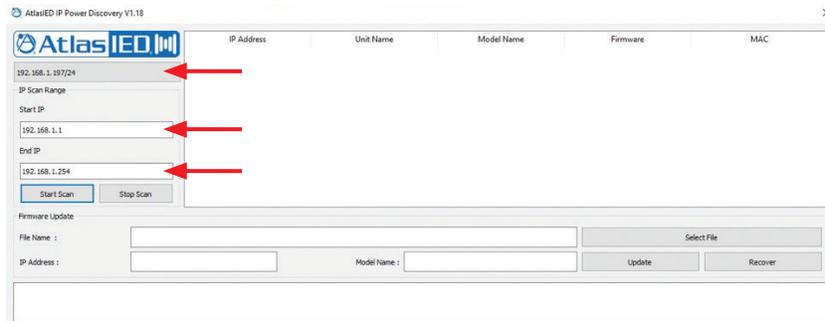
IP Scan Range

In this section of the AP-IP Discovery Software enter the Start and End range of the IP address search. Select the drop-down arrow in the “Select NIC” window. The number listed in this window is the IP address of the computer’s NIC. Select the IP address and it will auto fill the Start and End IP fields. **Note:** The NIC auto fill feature only works with PC computers and not MAC computers.

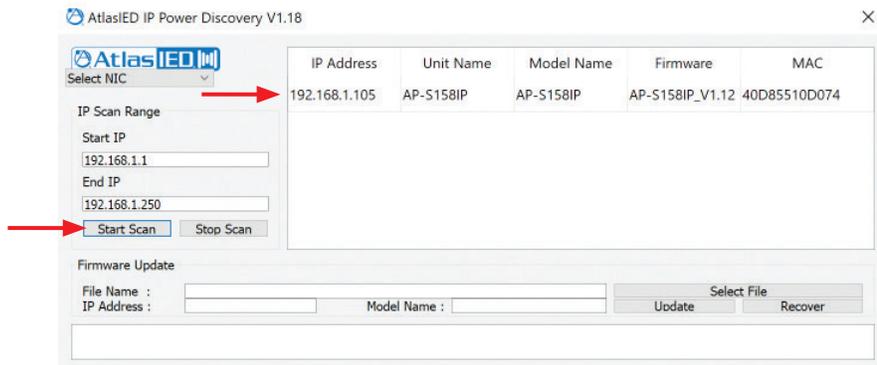
1. Click on the “Select NIC” drop down arrow.



2. After the NIC IP address is selected the Start IP & END IP fields will autofill.



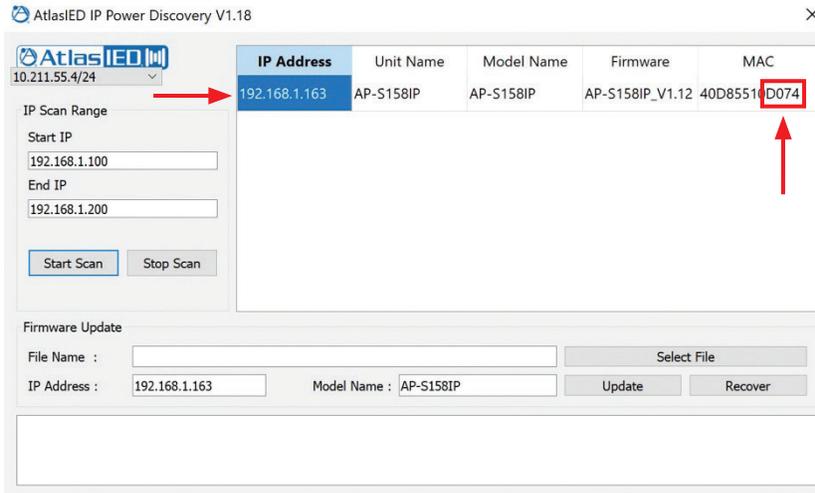
3. Select “Start Scan” and the discovery software will search the LAN for AP-IP products within the IP range listed. Units discovered will be listed by their IP Address, Unit Name, Model Name & MAC Address.



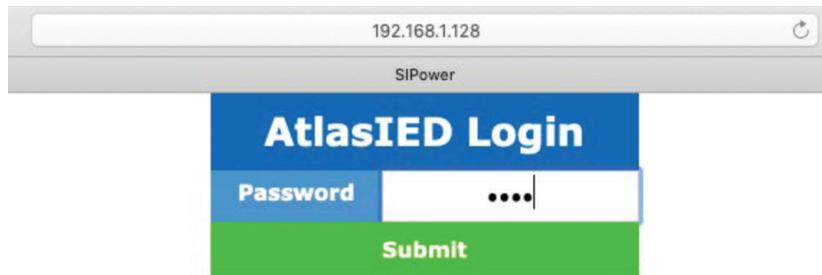
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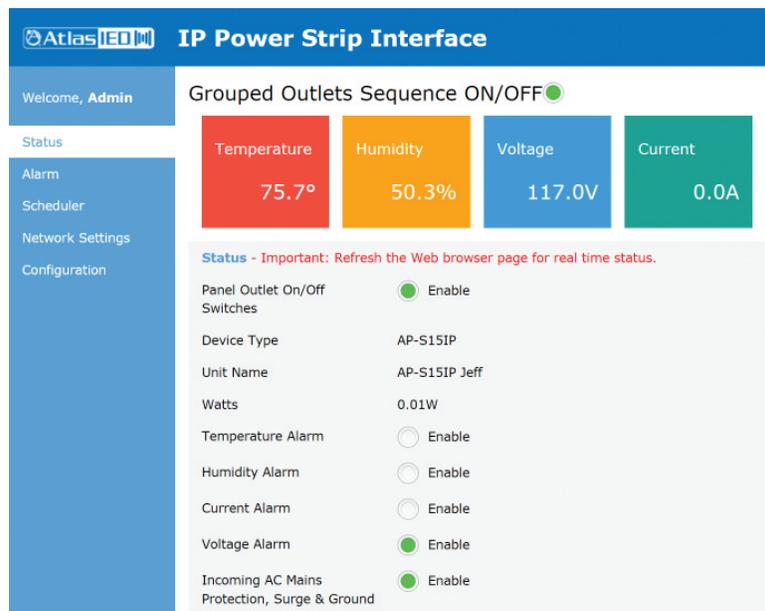
- Click on the IP address of the unit you want to log into and the link will take you to a web browser page to enter the User Name and Password.



- A login page will open in the web browser prompting you to enter the unit's password. The factory default password is the last 4 digits of the MAC address.



- After entering the unit's password, the IP Power Strip GUI will open to the Status page. Once you are at the Status page you will have full access to all pages and programming functions.



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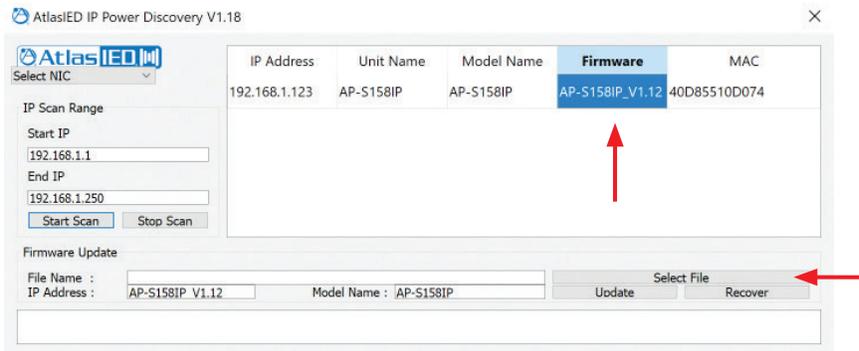
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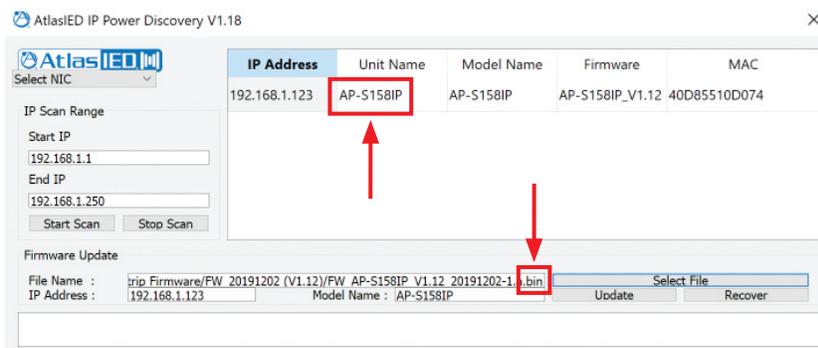
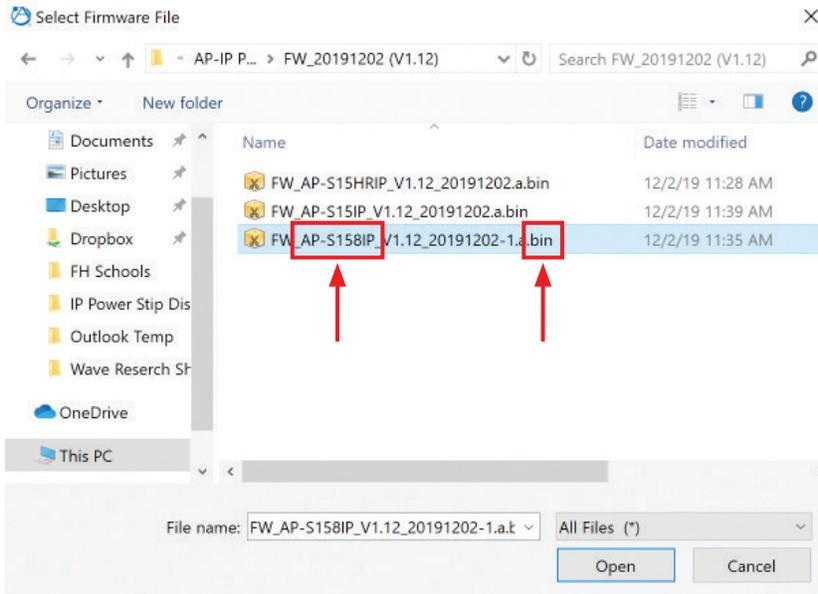
Updating the Firmware

This section covers updating the AP-IP Power Strip firmware.

1. Discover the AP-IP units on the LAN
2. Compare the firmware on the unit to the firmware listed on the AtlasIED web page at www.atlasied.com/ip-enabled-power-distribution. If the web page shows a higher revision number, the firmware should be updated. Selecting the correct firmware file is important. Download the unit's firmware from www.atlasied.com/ip-enabled-power-distribution and save it on your computer where you can find it later. Click on the "Select File" tab and locate the downloaded firmware file.

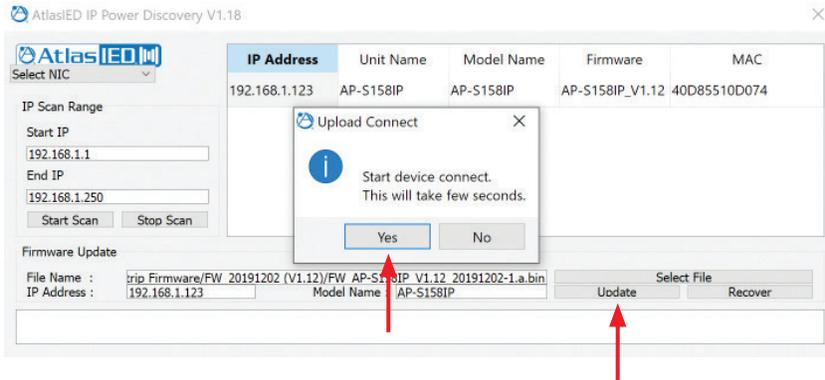


3. Confirm the firmware file name model numbers match your unit name and that it has a "bin" extension.



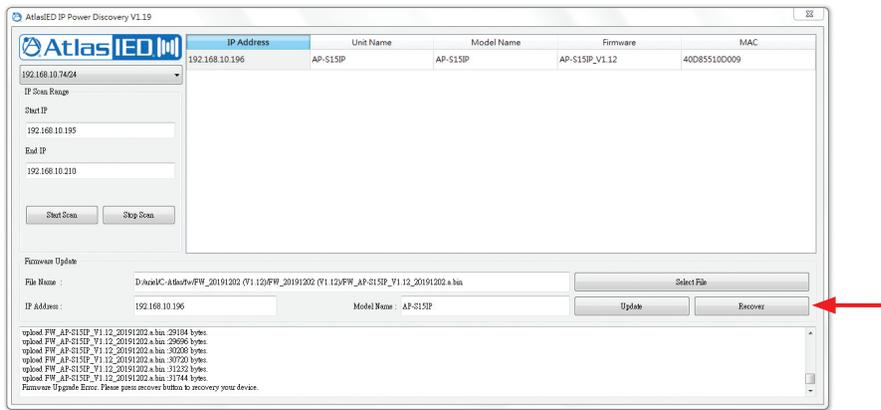
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- Select the "Update" tab and a series of pop ups will appear guiding you through the remainder of the process.

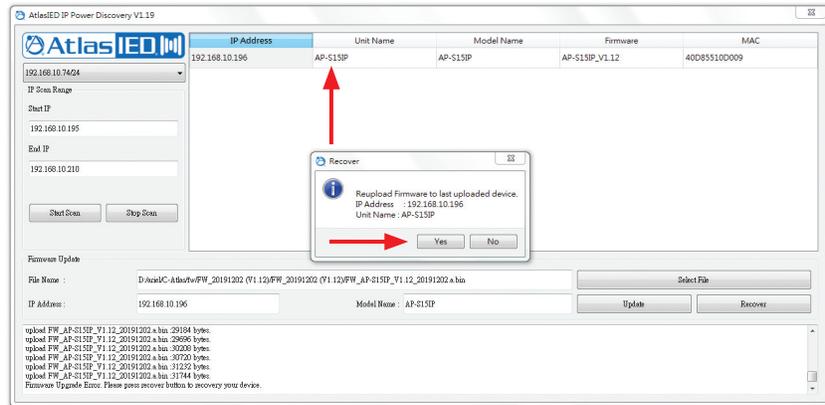


Recover Tab

In some rare instances during the firmware update process there is an interruption of data flow between the computer, LAN and the device. To know if the AP-IP Power Strip is in a lock up mode, the display will be blank for more than 1 minute. If this is the case DO NOT power off the unit or unplug it from the AC source. To fix this issue, select the "Recover" tab and continue below.



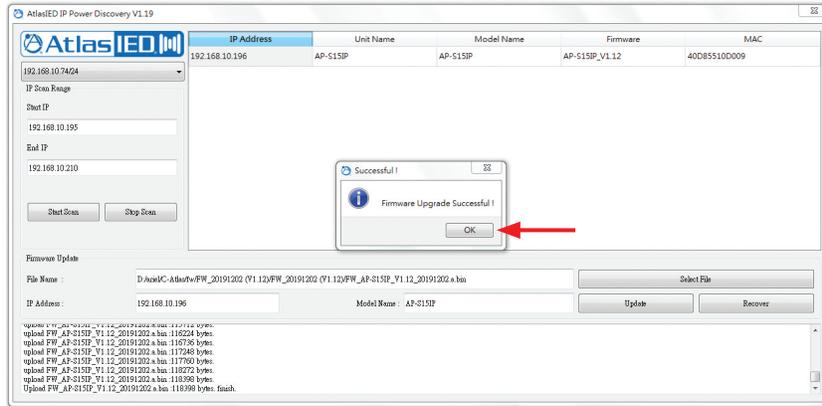
- A pop-up window will appear stating "Reupload Firmware to the last uploaded device." Confirm the IP address and Device name match before selecting "Yes".



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- After the firmware is updated, a popup window will appear stating "Firmware Update Successful." Click OK. The LED Display will come back on indicating the unit is ready to be reset.



- Finally, reset the unit by unplugging the power cord from the AC source for 5 seconds and plug the cord back in. The unit will boot up and the display will be functioning, indicating the update process is completed.