# 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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### Description

### 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.

Atlas LE		IP Add	ress	Unit Name	Model Name	Firmw	are
P Scan Range							
Start IP							
End IP							
Start Scan	Stop Scan	<					
irmware Update							
File Name :						Select F	ile
IP Address :		Mo	del Nam	ie :	Ur	date	Recover

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

OAtlas IEU III	IP Address	Unit Name	Model Name	Firmware	MAC
92. 168. 1. 197/24					
Scan Range					
art IP					
192.168.1.1					
nd IP					
nd IP 92. 168. 1. 254					
d IP 12. 168. 1. 254 Start Scan Stop Scan					
nd IP 92. 168. 1. 254 Start Scan Stop Scan mmware Update					
ind IP 192. 168. 1. 254 Start Scan Stop Scan Immare Ljodate ile Name :				Sele	t File

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.

	IP Address	Unit Name	Model Name	Firmware	MAC
lect INIC V	192,168,1,105	AP-S158IP	AP-S158IP	AP-S158IP V1.12	40D85510D074
P Scan Range			CPU EXERCIA		
Start IP					
192.168.1.1					
End IP					
192.168.1.250					
Start Scan Stop Sca	n				
irmware Update					
File Name :				Selec	t File
IP Address :	Mod	del Name :		Update	Recover

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## Product

### Description

4. 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.

	IP Address	Unit Name	Model Name	Firmware	MAC
	192.168.1.163	AP-S158IP	AP-S158IP	AP-S158IP_V1.12	40D85510D0
Stop Scan					
e					
e				Select	File
e 192.168.1.163	Mode	Name : AP-S158I	[	Select	File
	Stop Scan	IP Address 192.168.1.163	IP Address Unit Name 192.168.1.163 AP-S158IP	IP Address     Unit Name     Model Name       192.158.1.163     AP-S158IP     AP-S158IP       Stop Scan     Stop Scan     Image: Constraint of the state of the sta	IP Address     Unit Name     Model Name     Firmware       192.168.1.163     AP-S158IP     AP-S158IP     AP-S158IP       Stop Scan     Stop Scan     Stop Scan     AP-S158IP

5. 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.

192.1	68.1.128	
 SIF	Power	
AtlasIE	D Login	
Password	••••	
Su	bmit	

6. 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 programing functions.



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Description

### 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.

Atlas[]		IP Address	Unit Name	Model Name	Firmware	MAC
P Scan Range		192.168.1.123	AP-S158IP	AP-S158IP	AP-S158IP_V1.12	40D85510D074
Start IP						
192.168.1.1					т	
End IP						
192.168.1.250						
Start Scan	Stop Scan					
irmware Update	e					
ile Name :					Se	elect File
(P Address :	AP-S158IP V1.	.12 Mc	del Name : AP-S15	SIP	Update	Recover

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

· · · · ·	AP-IP P > FW_20191202 (V1.12)    ♥ ♥ Searce	ch FW_20191202 (V1.12)
rganize • New	folder	· 🔲 🌘
🗄 Documents 🦻	Name	Date modified
E Pictures	FW_AP-S15HRIP_V1.12_20191202.a.bin	12/2/19 11:28 AM
Desktop >	FW_AP-S15IP_V1.12_20191202.a.bin	12/2/19 11:39 AM
👃 Dropbox 🛛 🦻	FW_AP-S158IP_V1.12_20191202-1.a.bin	12/2/19 11:35 AM
<ul> <li>IP Power Stip D</li> <li>Outlook Temp</li> <li>Wave Reserch S</li> <li>OneDrive</li> </ul>	is iF	
This PC	v (	
	a name: EW AD S158ID V112 20101202 1 a k V	iles (*)
Fi	All 11	

Atlas III II	IP Address	Unit Name	Model Name	Firmware	MAC
	192.168.1.123	AP-S158IP	AP-S158IP	AP-S158IP_V1.12	40D85510D074
P Scan Range					
192 168 1 1		T			
End IP					
192.168.1.250					
Start Scan Stop Scan					
Firmware Update			•		
File Name : trip Firmware/F	W 20191202 (V1.12)/	FW AP-S158IP V1.1	12 20191202-1	Se	elect File
ID Address : 102 169 1 123	Mo	del Name : AP-S15	STP	Update	Recover

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### Description

4. 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.

201081.03404         192.1681.03405         192.1681.	Atlacis	IP Address	Unit Name	Model Name	Firmware	MAC	
2 (198) 07/24 - P 2 con Reage Intel P 192 168 10 195 Exat Sean Shop Sean		192.168.10.196	AP-S15IP	AP-S15IP	AP-\$15IP_V1.12	40D85510D009	
27 San Fange Shart 17 192 168 10 195 End 17 192 168 10 210 Sant Zean Styp Zean	68.10.74/24 -						
Sac1/2 1921 108 10 10 105 East IP 1922 108 10 2010 Short Ream Physics Ream	an Range						
19214010195           Bolt IP           19214010210           Shut Sem           Shut Sem	IP						
Ead IP 1921 (66 10 210) Shert Stean Step Stea	.168.10.195						
Shet Zean Step Zean	IP						
Shut form	168 10 210						
Ramwa Uplan Bio Nama : Dakado Jakadw FW 20191222 (Y1 12)FW 20191222 (Y1 12)FW 24-513P Y1 12 20191222 a ba. Saleet File							
IP Addaren : 192168.10.196 Model Name : AP-S151P Updee Recover	ware Update	ww.FW_20191202 (V1.12)/FW_20	191202 (V1.12)/FW_AP-S15IP_V1.12_	20191202.a.bin		Select File	

1. 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."

		Address Uni	Name Model Nar	me Firmware	MAC
Z/ACIU	192.168.10.19	6 AP-S15IP	AP-S15IP	AP-S15IP_V1.12	40D85510D009
2.168.10.74/24	-				
Scan Range		- <b>T</b>			
ert IP					
92.168.10.195					
wi IP					
		Recover	83		
42.100.10.210					
		U Rei	pload Firmware to last uploaded device	e.	
Start Scan	Stop Scan	IP 4 Uni	ddress : 192.168.10.196 t Name : AP-S15IP		
			Yes No		
mwaze Update					
le Name :	D:/ariel/C-Atlas/Tw/FW_20191205	(V1.12)/FW_20191202 (V1.12)/FW_A3	-\$15IP_V1.12_20191202.a.bin		Select File
Address :	192.168.10.196	Мо	iel Name : AP-S15IP	Update	Recover
	71 12 20101202 a his 20184 hoter				
oad FW AP-SISIP V					
oad FW_AP-S15IP_V oad FW_AP-S15IP_V	71.12_20191202.a.bm :29090 bytes.				





## Product

### Description

2. 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.



3. 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.