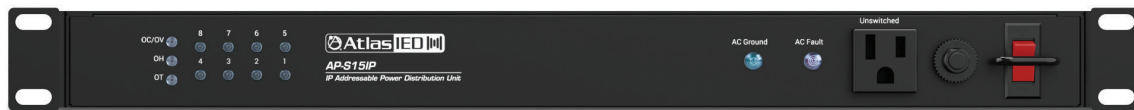




AP-S15HRIP / AP-S15IP / AP-S158IP IP Power Distribution Systems



AP-S15HRIP



AP-S15IP



AP-S158IP



AP-LEDIP

AP-S15HRIP / AP-S15IP / AP-S158IP

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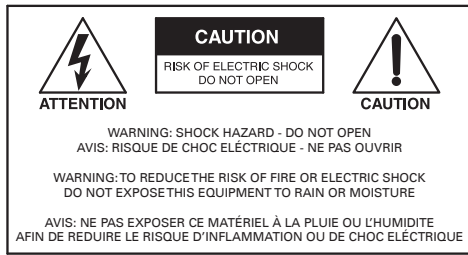
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Important Safety Instructions



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this device near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other device that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the device.
11. Only use attachments / accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the device. When a cart is used, use caution when moving the cart / device combination to avoid injury from tip-over.



13. Unplug this device during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the device, the device has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
16. **WARNING:** To reduce the risk of fire or electric shock, this device should not be exposed to rain or moisture and objects filled with liquids, such as a vase, should not be placed on this device.
17. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
18. The mains plug of the power supply cord shall remain readily operable.
19.  Protective earthing terminal. The apparatus should be connected to a mains socket with a protective earthing connection.

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WARNING - When The Device Is In Use

- WARNING: For the terminals marked with symbol of ⚡ may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or cords.
- WARNING: The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
- To prevent electric shock, do not remove the product cover as there are high voltage components inside. Refer all servicing to AtlasIED.
- Should any of the following irregularities occur during use, immediately switch off the power, disconnect the power cord from the AC outlet and contact AtlasIED. Do not to attempt to continue operation with the product as this may cause fire or electric shock:
 - Smoke or strange smell coming from the unit.
 - If the product falls or the case is damaged.
 - If water or any metallic objects falls into the product.
 - If the power supply cord is damaged in any way.
 - If the unit is malfunctioning.
- Do not insert or drop metallic objects or flammable materials into the ventilation holes of the product's cover, as this may result in electric shock or fire.
- Do not place any containers with liquid or metallic objects on the top of the product. If any liquid spills into the unit, fire or electric shock may result.
- Never operate this product or touch the power supply cord during an electrical storm, electric shock may result.
- Never exceed the power rating on the product when connecting equipment. Fire and/or property damage may result.
- Operate the product only with the voltage specified on the unit. Fire and/or electric shock may result if a higher voltage is used.
- Do not modify, kink, or cut the power cord. Do not place the power cord in close proximity to heaters and do not place heavy objects on the power cord, including the product itself, doing so may result in fire or electrical shock.
- Ensure that the safety ground terminal is connected to a proper ground. Never connect the ground to a gas pipe as a catastrophic disaster may result.
- Be sure the installation of the product is stable, avoid slanted surfaces as the product may fall and cause injury or property damage.



CAUTION - When Installing The Product

- Plugging in or unplugging the power cord with wet hands may result in electric shock.
- Never move the unit with the power cord plugged into the wall, as damage to the power cord may result.
- When unplugging the cord from the wall, grasp the plug, NOT the cord.
- Never install this product in humid or dusty locations, nor in direct sunlight, near sources of heat, or in areas where sooty smoke or steam are present. Fire and electric shock may result.
- Keep all sides of the unit at least 3 1/2" away from objects that may obstruct air flow to prevent the unit's internal temperature rise.



CAUTION - When The Product Is In Use

- Never place heavy objects on the product, causing it to fall and/or break, resulting in personal injury and property damage. In addition, the product itself may fall and cause injury and property damage.
- Contact AtlasIED for instructions on cleaning the inside of the unit. Large accumulations of dust inside the unit may result in heat buildup and fire.
- Ensure that the power supply plug is securely plugged into the wall outlet. Never allow dust to accumulate on the power plug or inside the wall outlet.
- When cleaning the unit or the unit is not to be operated for an extended period, unplug the power cord from the wall.

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Introduction

Thank you for purchasing this AtlasIED Network IP Power Distribution system. This document is designed to provide a high-level overview of the network IP power distribution system product family, including common features to all models. AtlasIED recommends visiting www.atlasied.com/ip-enabled-power-distribution and downloading the AP-IP discovery software to a computer running the Windows® operating system. Other related guides for the AtlasIED AP-IP Power Distribution systems can also be downloaded there.

The AP-IP power distribution systems are remote or locally controlled AC power distribution management systems with power conditioning, surge protection and LAN monitoring. Each AP-IP features a local display and a web-based user interface (UI) that can monitor voltage, current, temperature and humidity. Through the UI, alarms can be set to alert users when a fault condition has occurred via the network UI or fault contacts. Models AP-S15IP and AP-S15HRIP include rear outlets that are programmable and can be scheduled to sequence On / Off individually or in groups on a 24-hour / 7-day schedule. Each AC outlet has a front panel LED status indicator that can also be used to manually turn the outlet On or Off. This feature can be disabled via the UI for increased security. A front panel unswitched AC outlet is also included.

The AP-IP power distribution systems can be automatically identified when connected to a LAN using the AP-IP discovery software running on a connected computer running Windows®. The AtlasIED model AP-LEDIP, LED display, is included to provide a visual reference of the voltage, current, temperature and humidity data within the rack in real time. The AP-LEDIP can also be used to read the IP address of the unit, eliminating the need to use the discovery software. The external temperature / humidity probe can be used to monitor rack climate conditions to activate a cooling system if needed. Programmable alarm settings are easily configured with fault logs and fault reporting via the UI. The unit or individual outlets can be tested or monitored for active status via the Auto Ping Reset feature.

The AP-IP power distribution systems feature filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into AC lines by nearby radio transmitters or wireless products that commonly deteriorate video signals and that can be heard as static in audio signals.

A removable 2m, 14-gauge IEC power cord with a retainer bracket is supplied with each unit to allow the installer to use a longer or shorter power cord length based on installation requirements (sold separately).

Key Features

- 15A Rack Mount Power Conditioner with LAN Network Monitoring & Control
- On-board IP Address Display
- IP Discovery PC Software
- Circuit Breaker Protection @ 15A
- Individual Outlet On / Off Manual Switch and LED Indicator (Enable / Disable)
- Removable 15A IEC Power Cord with Retainer Bracket
- AC Mains RFI Noise Filtering & Surge Protection
- Earth Ground Fault Connection Indicator
- Web User Interface
- DHCP or Static IP Addressable
- Voltage, Current, Temperature and Humidity Monitoring Capability
- Over Voltage, Current, Temperature and Humidity Alarm Setting
- Each Outlet Can be Individually Managed Remotely
- User Definable Names for Each Outlet
- User Definable Delay Time and Sequence
- Temperature Setting for AC Fan Activation
- Fault Log with Reporting
- Fault Reporting GPIO Port
- Password Protection
- Individual Outlet Auto Ping Reset
- User Definable 24 / 7 Schedules of Individual Outlets to Switch Devices On or Off
- 3-Meter Humidity / Temperature Probe
- AP-LEDIP Display Panel Shows Voltage, Current, Temperature, Humidity and IP Address

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Applications

The flexible AP-IP power distribution system family was designed with features enabling them to be used in a variety of applications. They can be used for AC distribution or for system power and protection against voltage surges or dropouts. They are ideal for systems that need to be powered On or Off at specific times to conserve energy or to monitor the system for faults and operability. The AP-IP power distribution systems also feature power conditioning and surge protection. The following are examples of applications where the AP-IP power distribution systems can be used:

- IT Facilities
- Office Buildings
- Restaurants
- Houses of Worship
- Educational Facilities
- Industrial Applications

Opening the Carton

Each unit carton contains an AP-IP power distribution system, power cord, power cord retainer clip & screws, temperature / humidity sensor probe, fault cable and LED data display. DO NOT plug the unit into an AC mains source until the following steps have been completed.

1. Install and secure the unit into the equipment rack.
2. Ensure the power switch is in the Off or down position.
3. Install the temperature / humidity probe in the rear port marked Sensor. **Note:** This is very important, or the unit will not function, and the front panel alarm LEDs will flash.
4. Install the remote LED Data display into the rear port marked Display.
5. Fault Report Port & Cable - This 3.5mm port mates with the supplied Fault cable. The 3-meter cable is 2-conductor with the wire ends bare allowing it to interface with an external device that supports contact closure GPIO. The port state is normal closed (NC) when the unit is active and opens when the AC power is Off or an alarm fault is detected such as voltage, current, temperature or humidity.
6. Install the power cord and retainer clip. The retainer clip mounts over the power cord IEC end and is secured by two screws. Below is an illustration showing how the power cord bracket mounts to the chassis.



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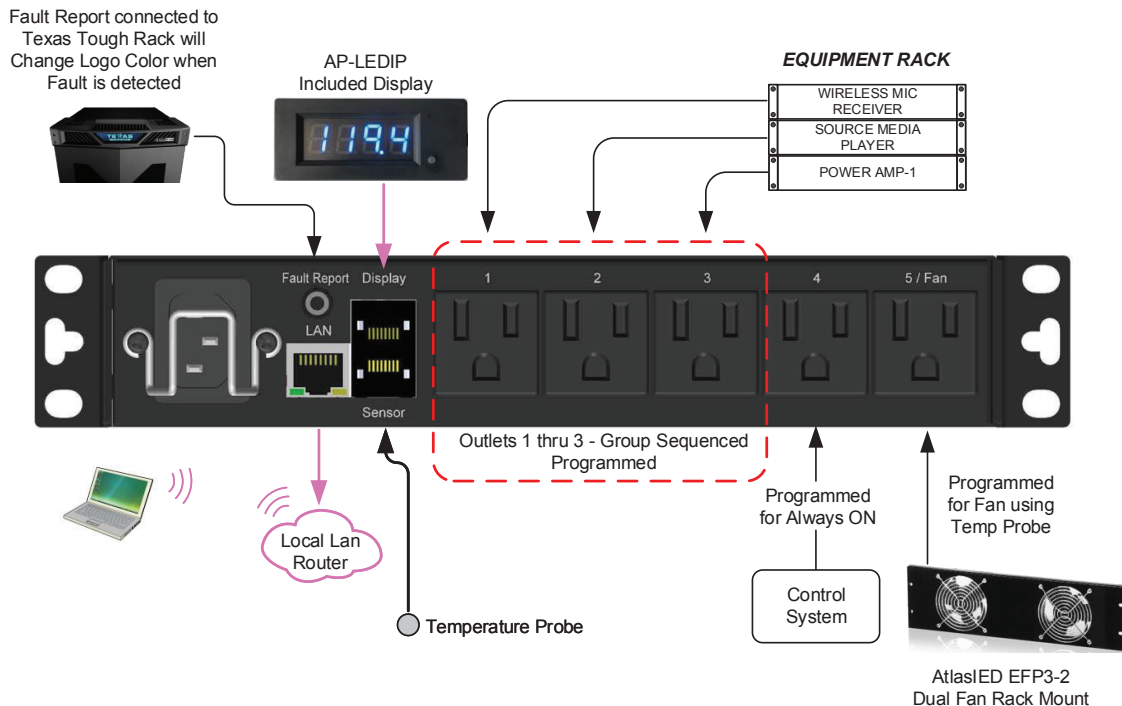
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AP-IP Power Distribution System Family Overview

The AP-IP power distribution system series all have the same features with the only differences between models being the rack mounting type. The AP-S158IP is a vertical mount power strip with eight programmable outlets. The AP-S15IP is a 19" rack mount power strip with eight programmable rear outlets and 1 front panel unswitched outlet. The AP-S15HRIP is half rack, rack mount power strip with five programmable rear outlets and 1 front panel switched outlet.

AP-S15HRIP

The AP-S15HRIP is half rack width rack mount power distribution system with five programmable rear outlets and 1 front panel switched outlet.

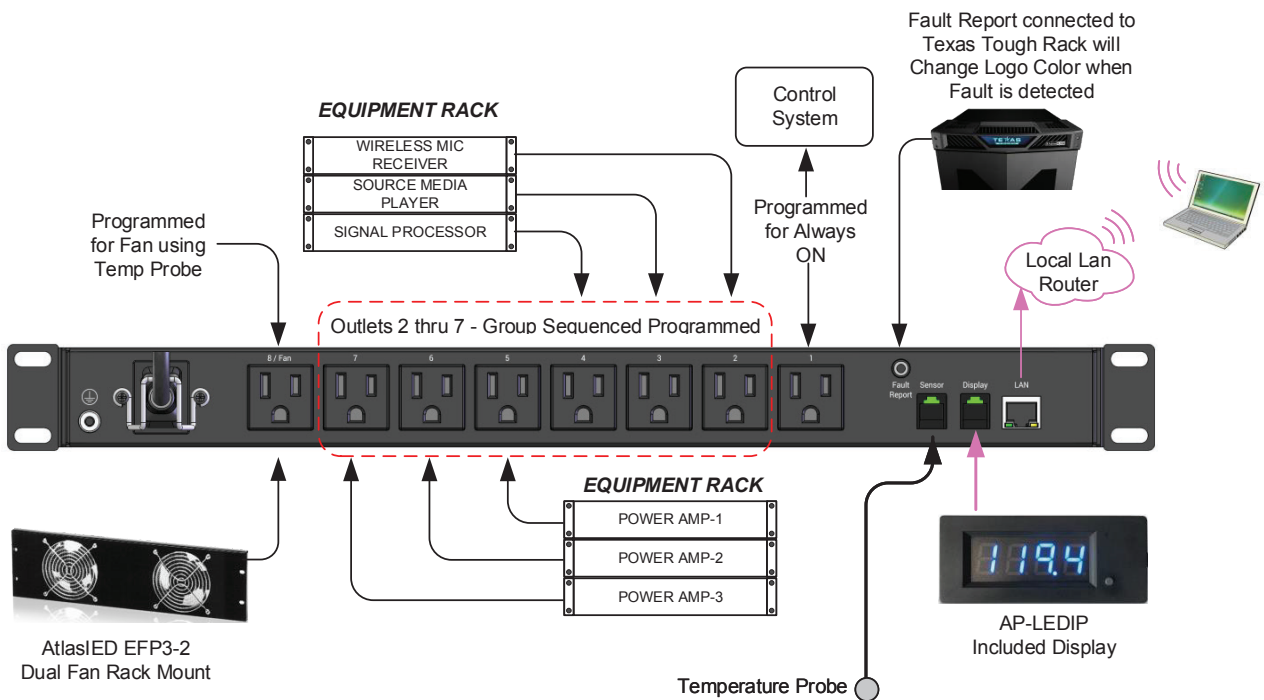
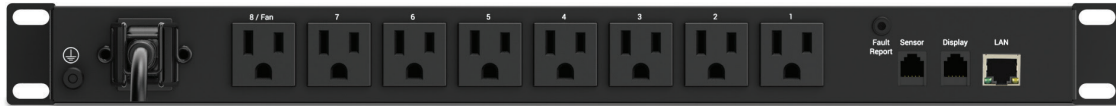
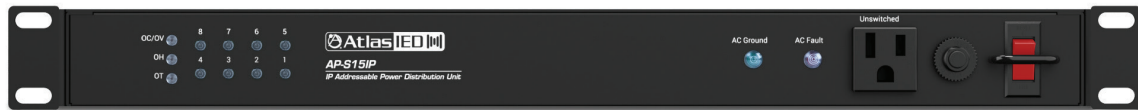


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AP-S15IP

The AP-S15IP is a 19" rack mount power distribution system with eight programmable rear outlets and 1 front panel unswitched outlet.

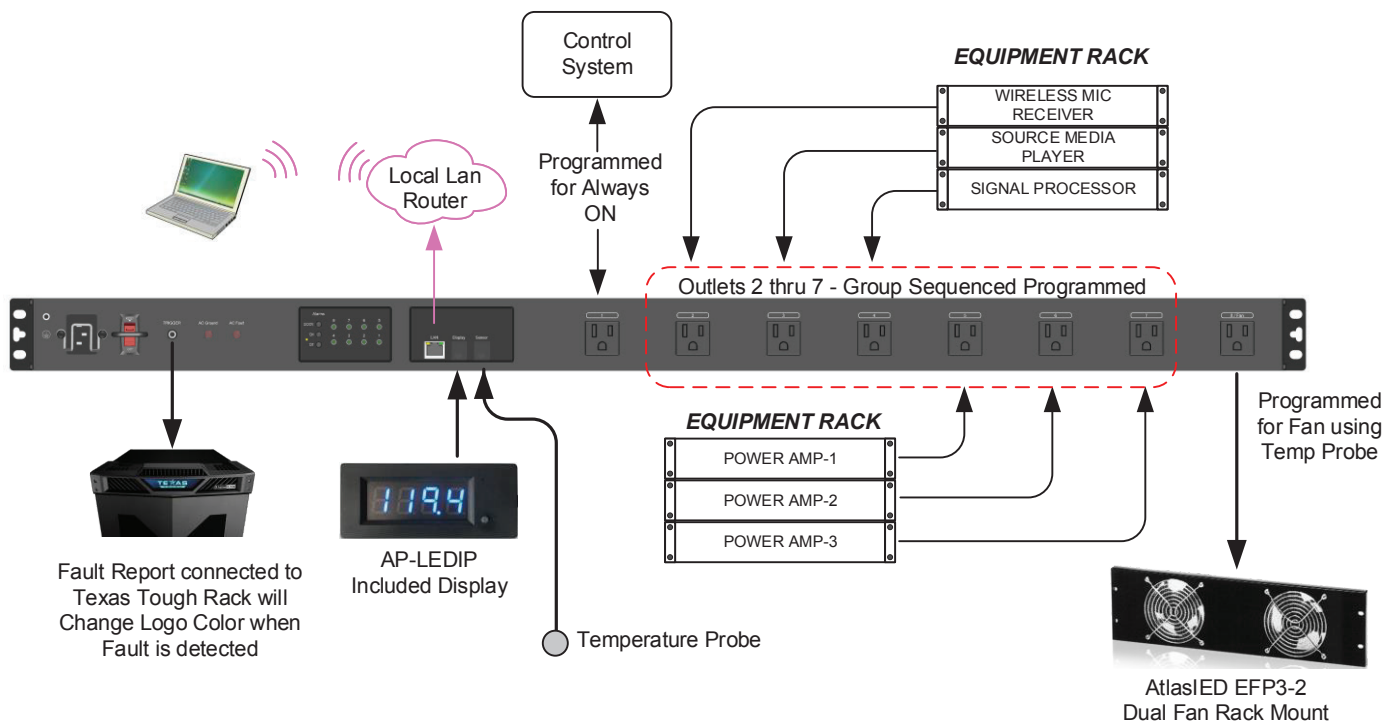


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AP-S158IP

The AP-S158IP is a vertical mount power distribution system with eight programmable outlets.



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Unit Features



- 1. AC Mains Input** - Connect the IEC 14-Gauge 6' (2m) power cord to a 15A 120VAC outlet to provide power to the unit. An IEC power cord retainer clip is included to prevent accidental removal of the power cord from the unit.
- 2. AC Mains Power Switch and Breaker** - To turn the power strip ON or OFF, press the switch up to the ON position or down to the OFF position. When in the ON position, AC voltage is present, and the power switch will illuminate red. **Note:** This does not mean the switched AC outlets are active. For the switched AC outlets to be active, each outlet needs to be configured in the web interface. Factory default configuration is that all outlets will sequence ON when the power switch is turned ON. The AP-IP power distribution systems incorporate a power switch protection bar to prevent an accidental pressing of the power switch.

This AC Mains Power switch also serves as the AC Mains breaker. The 15A rated breaker will open if the combined draw of all AC outlets exceeds 15 amps. **Note:** The breaker is designed to exceed its rating for a short period of time. If the breaker is tripped, you must first remove the load from the power strip and then turn the switch OFF and then to ON to reset.
- 3. AC Fault Indicator** - Although the clamping suppression circuit virtually assures protection from most transient voltage spikes and surges, nature has a way of occasionally creating electrical forces that are beyond the capabilities of any device to absorb without some degree of damage. In the rare instance that this occurs, and the circuit has been damaged, the "AC Fault" LED indicator will illuminate red. The unit disables all AC outlets until it is repaired. Be advised that activation of this fault condition, the associated repair is not covered under warranty. **Note:** If the AC Fault LED is illuminated, it is important to have all equipment that was connected to that AC mains line inspected for proper operation.
- 4. Ground Status Indicator** - This LED will illuminate red when the power strip has no Earth Ground Connection on the Earth Ground Pin of the AC mains power cord. **Note:** If there is no Earth ground connection the LED will illuminate and the AC wall outlet must be repaired by an electrician before continuing. **Note:** Using a good quality power cord is essential to getting a solid ground connection. There are many cheap power cords that do not have a good ground connection that may cause the Ground LED to illuminate.
- 5. Fault Report Port** - This 3.5mm port mates with the supplied Fault cable. The cable is a 3-meter, 2-conductor with the wire ends bare allowing to interface with an external device that supports contact closure GPIO. The port state is normal closed (NC) when the unit is active and opens when the AC Power is OFF or an alarm fault is detected such as voltage, current, temperature or humidity. This port is also ideally suited to interface with the AtlasIED Texas Tough rack series. When a fault is detected, the contacts open up and the LEDs in the crown (Top) of the Texas Tough rack change color to indicate there is an issue within the rack.
- 6. LAN (Local Area Network) Ethernet Port** - Connect the amplifier to the network, local computer, or router/switch using CAT5 cable to access the unit's web interface and control settings.
- 7. Sensor Probe (Temperature & Humidity) Port** - Each unit comes with a temperature/humidity probe that interfaces with the sensor port. This 9ft (3m) cable MUST be plugged into the sensor port or the unit will not function, and the alarm LEDs will flash ON/OFF. The sensor is located in the end of the cable and needs to be placed in the rack where the temperature or humidity are to be monitored. In most situations the best location is near the top of the rack. Both temperature and humidity can be monitored locally when using the AP-LEDIP display or remotely by using the web interface. The temperature and humidity data can be used to trigger alarms or be programmed to turn on AC Outlet #8 to activate a fan to cool the rack.

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Unit Features

8. **Remote LED Display Port (Included Accessory)** - This display control port mates with the included LED display, model AP-LEDIP. This display will provide a visual reference for the voltage, current, temperature or humidity data within the rack in real time. The AP-LEDIP can also be used to read the IP address of the unit eliminating the need to use the discovery software.
9. **AC Power Programmable Outlets** - The AP-S158IP and the AP-S15IP feature eight programmable NEMA 5-15P AC switched outlets and the AP-S15HRIP has five. These switched AC outlets are "live" when the front panel power switch is in the ON position and the outlet is activated via the WEB interface or by pressing the AC outlet indicator ON/OFF switch (see AC outlet Switches & indicators) If the AC outlet's corresponding outlet indicator is illuminated green, the AC outlet is active and AC voltage will be present.
10. **AC Outlet ON/OFF Switches and Indicators** - Each unit includes AC Outlet ON/OFF switches that also serve as outlet active indicators. Press the corresponding outlet switch firmly to manually turn a specific AC Outlet ON or OFF. The switch will illuminate green when the corresponding AC outlet is on. The AC outlets can also be activated by using the interface. **Note:** The AC Output ON/OFF function can be programmed to be disabled in the web interface.



Alarm Indicators - The AP-IP power distribution systems feature alarms for the following: Over & Under Voltage, Over Current, Over Temperature and Over Humidity. All alarm settings are programmed in the web UI. If an alarm is activated, the associated LED will illuminate and the fault contacts will open.



Factory Reset Switch - The Factory Reset switch is located in the front panel as indicated in the picture below. Insert a small object like a paper clip into the hole to access the switch. Gently press and hold the switch inward for 3 seconds, then release. The unit's outlets and display will shut off and turn back on indicating the Factory Reset was successful. The Factory Reset switch will reset all functions that were previously programmed and will also reset the unit to accept DHCP IP address. **Note:** Any custom passwords will be replaced by the last 4 digits of the MAC address. Before resetting the unit, it is important to write down any special settings that may have been adjusted. Refer to the section Logging into the Unit for details.



11. **Unswitched Outlet** (Not Shown in AP-S158IP)
 - A Unswitched AC outlet is not programmable
 - The AP-S15IP has an unswitched AC outlet that is always live even if the AC mains power switch is in the OFF position. This outlet is protected by the AC mains breaker, surge protection and by RF filtering.
 - The AP-S15HRIP has a switched AC outlet that is turned ON/OFF with the AC mains power switch. This outlet is protected by the AC mains breaker, surge protection and by RF filtering

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Installing the AP-IP Power Distribution System

Note: AtlasIED requires that the AP-IP Power Distribution Systems be installed by a qualified electrician or IT technician. Before starting installation, the manual must be read in its entirety.

Plugging Equipment Into An Outlet

After the unit has been installed in a rack, equipment can be connected to it. There are a few things to consider before starting. **Note:** The AtlasIED IP power distribution systems must be installed by qualified technician. Before proceeding, visit atlasied.com to obtain an installation manual. Read the manual entirely before proceeding with the installation of this product.

1. Total current draw of the power strip cannot exceed 12A continuous signal or 15A IT / Audio applications or the AC Mains 15A Breaker may trip. Every product should have a current draw rating, add up all the equipment's total current and make sure it doesn't exceed 1440W.
Note: Pay special attention to audio amplifiers, they typically consume the most power compared to processors or controllers.
2. Audio amplifiers should turn on last, and off first in a sequence.
3. If a computer or router needs to be on all of the time, an outlet can be programmed to stay on for that operation.

Rack Mounting the AP-S15HRIP

A rack kit is included with the purchase of the AP-S15HRIP. The AP-S15HR width fits most rack cabinets that are classified as half-width. There are no industry standards for these types of racks and rack widths may vary between manufactures. The AP-S15HRIP can be mounted into an AtlasIED wall mount half-width rack or a 19" rack. The AP-S15HRIP can be mounted with any AtlasIED 1/2 RU products or mounted alone, but requires a rack mount kit. For half rack designs there needs to be a minimum distance of 9.25" between rails. AtlasIED recommends checking the distance between the rack rail opening before proceeding. **Note:** Two AP-S15HRIP units cannot be mounted side by side.

Kit Contains

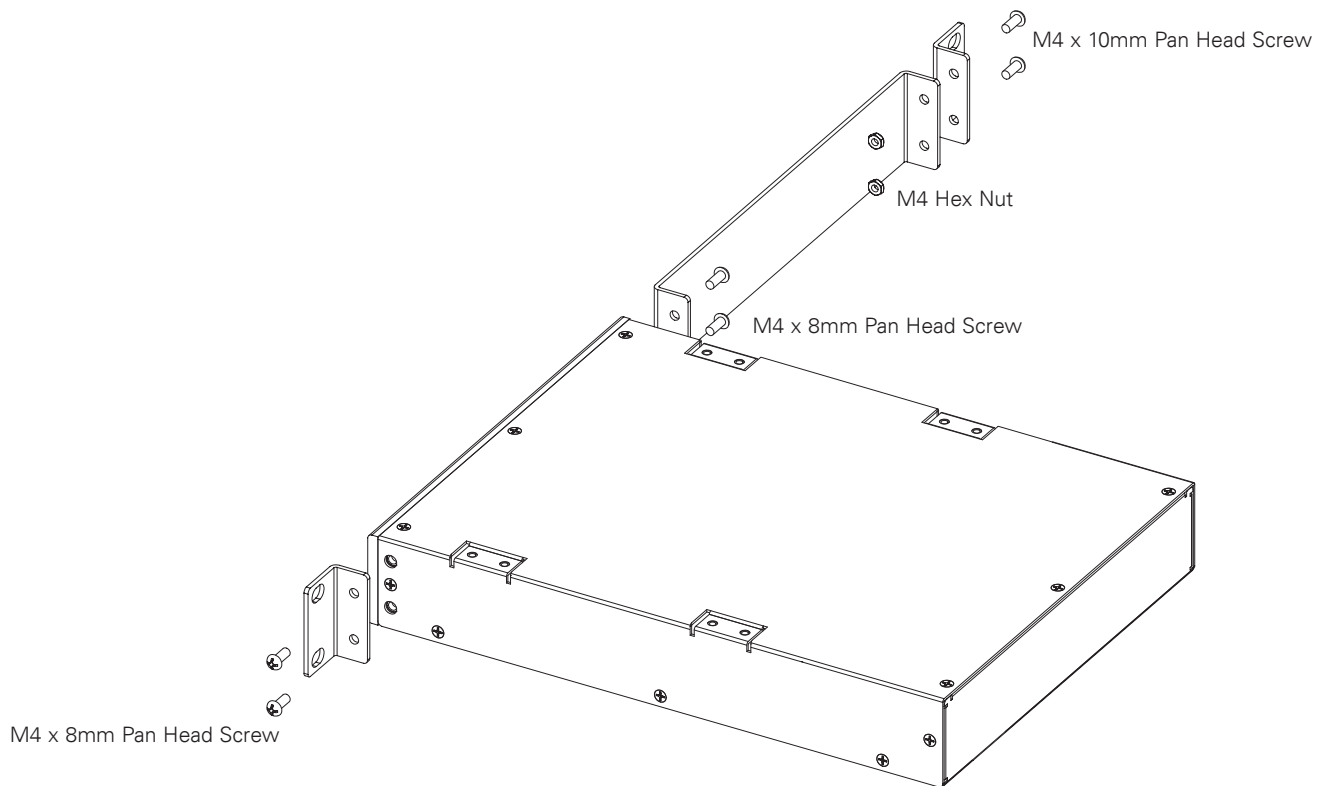
- Qty 2 Rack ears
- Qty 8 M4 x 8mm Pan head rack ear screws
- Qty 1 Rack extension plate for single unit mounting
- Qty 2 M4 x 10mm pan head black screws to combine extension plate to rack ear
- Qty 2 M4 hex nuts for screws to secure screw to extension plate and rack ear
- Qty 2 Top joiner plates
- Qty 8 4-40 x 3/8 flat head black screws to secure top joiner plate
- Qty 1 Front panel joiner plate
- Qty 2 4-40 x 3/8 flat head black screws to secure front panel joiner plate

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Configuration 1 - Mounting a Single 1 RU Model

1. Remove amplifier from electrical source.
2. Remove the four feet.
3. Align and secure the chassis extension plate to a rack mount ear with the enclosed screws and nuts.
4. Locate the two open holes on each side of the amp located towards the front panel.
5. Align the enclosed rack mount ear and extension assembly to the chassis holes located in step 4.
6. Use the enclosed chassis screws to attach the rack ears and extension assembly to the chassis. Secure firmly, do not over tighten. Repeat step for opposite chassis side.
7. Disregard extra pieces.
8. Ready for rack installation. **Note:** It is important the amplifiers have the proper clearance around it for proper heat dissipation. Always allow at least 1.75" around the amplifier for to assure safe operation. Never mount an amplifier in an enclosed air tight rack. All racks must have air vents on all sides or forced air cooling to assure proper heat dissipation.



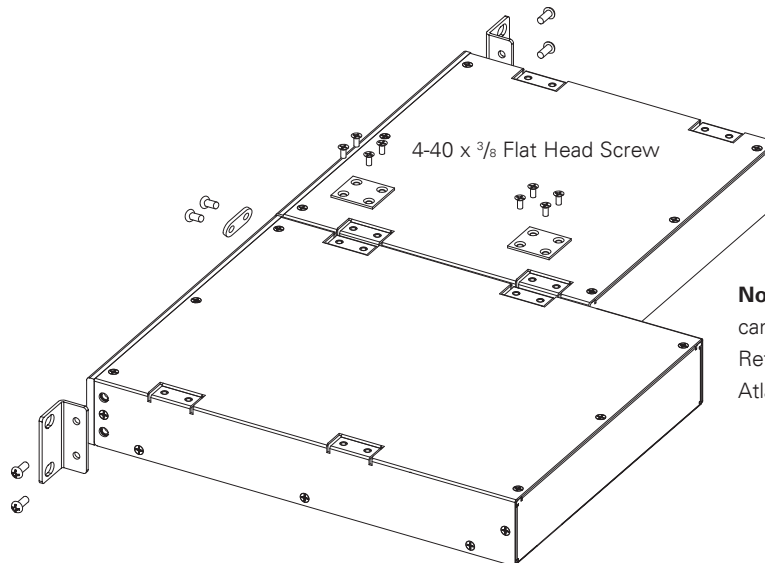
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Configuration 2 - Mounting 2 1RU Models

Note: Not all 1RU half rack models can be joined next to each other. The following combinations can be joined: ASP-MG2240, DPA102PM, MA40G, MA60G, PA40G, PA60G, AP-S15HR, AP-S15RTHR, and AP-S15HRIP are interchangeable. **Note:** Two AP-S15HR units cannot be rack mounted together side-by-side. Call AtlasIED for other models not listed.

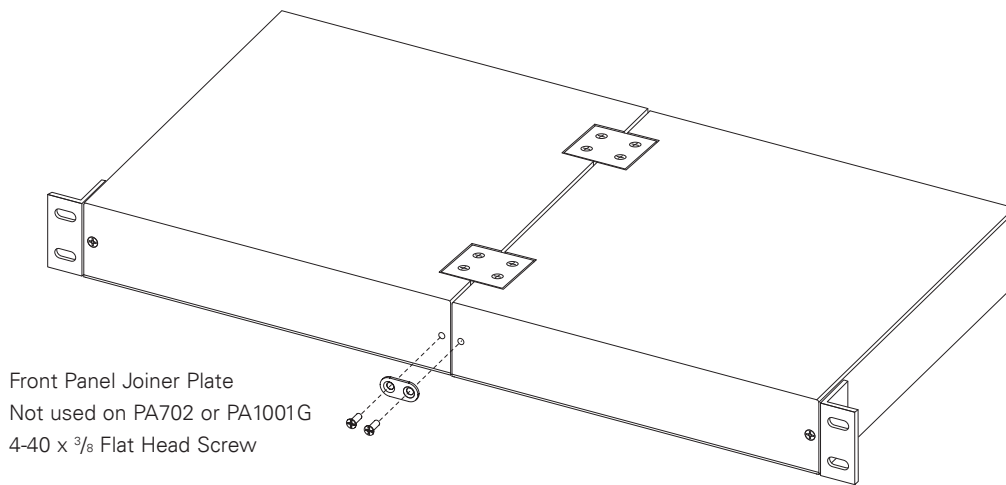
1. Remove amplifier from electrical source.
2. Remove the four feet.
3. Align and secure two chassis joiner plates with the enclosed screws to the top of units. **Note:** Must install both plates, one towards the front and one towards the back.
4. Locate the two open holes on each side of the amp located towards the front panel.
5. Align the enclosed rack mount ear to the chassis holes located in step 2.
6. Use the enclosed chassis screws to attach the rack ears to the chassis. Secure firmly, do not over tighten. Repeat step for opposite chassis side.
7. Install the front panel joiner plate using the two 4-40 x $\frac{3}{8}$ flat head black screws. **Note:** The front panel joiner plate can be removed after the unit is installed in the rack.
8. Disregard extra pieces.
9. Ready for rack installation. **Note:** It is important the amplifiers have the proper clearance around it for proper heat dissipation. Always allow at least 1.75" around the amplifier for to assure safe operation. Never mount an amplifier in an enclosed air tight rack. All racks must have air vents on all sides or forced air cooling to assure proper heat dissipation.



Note: Not all 1RU half rack models can be joined next to each other. Refer to the list above or call AtlasIED Customer Service.

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Front Panel Joiner Plate
Not used on PA702 or PA1001G
4-40 x $\frac{3}{8}$ Flat Head Screw

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Accessing the Unit's Web UI Interface

The AtlasIED AP-IP power distribution system's GUI control panel is designed to be accessed via the LAN (Local Area Network) or local computer. External software is not required for operation. The Web browser UI 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 in DHCP mode, using the AP-LEDIP display or by using the discovery software. **Note:** All AtlasIED AP-IP power distribution systems ship (factory default) in DHCP mode.

1. AP-LEDIP IP Discovery

Using the AP-LEDIP external display is the fastest way to discover the IP Address. Plug the AP-LEDIP display into the unit'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 read out example would be 192.168.1.138.



2. Discovery Software

The user can search the LAN for connected units using a specified range of IP addresses within the LAN. To do so, the router's range assignment of IP address must be known. This IP address range must be entered into the AP-IP Discovery Software. An IT technician can provide the IP address range assigned or, if the computer Network Interface Card (NIC) card is on the same LAN, this IP address can be selected and it will auto fill the range of IP addresses that are needed to be scanned. The discovery software can be found at www.atlasied.com/ip-enabled-power-distribution.

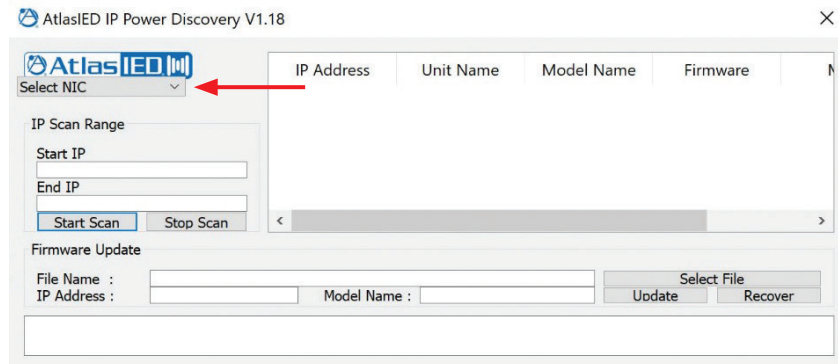
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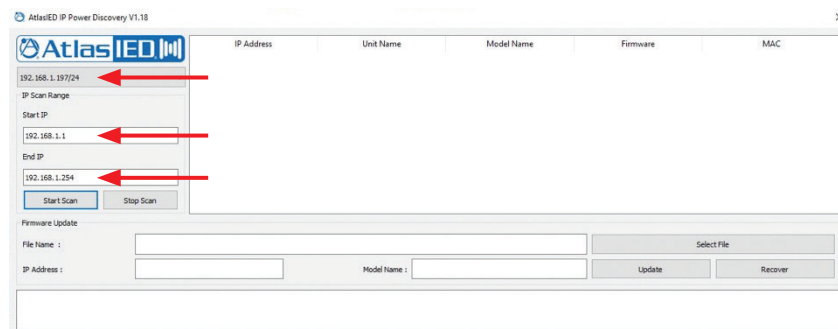
IP Scan Range

In this section of the 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 computers running the Windows® operating system and not work with Apple® computers running MacOS.

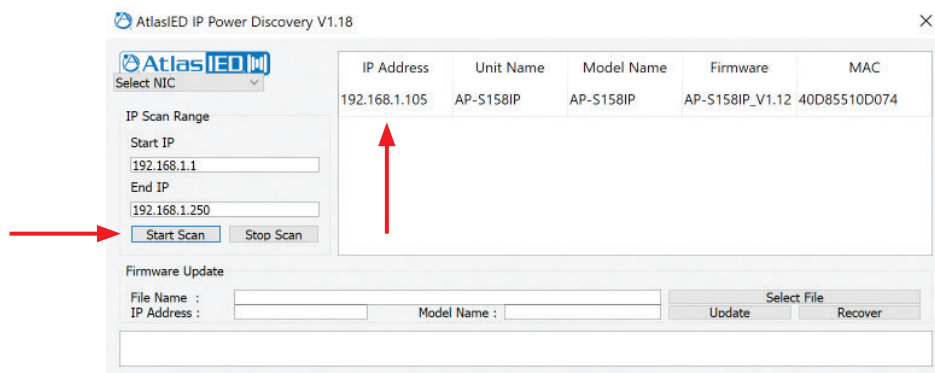
- Click on the "Select NIC" drop down arrow



- After the NIC IP address is selected the Start IP & End IP fields will autofill



- 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



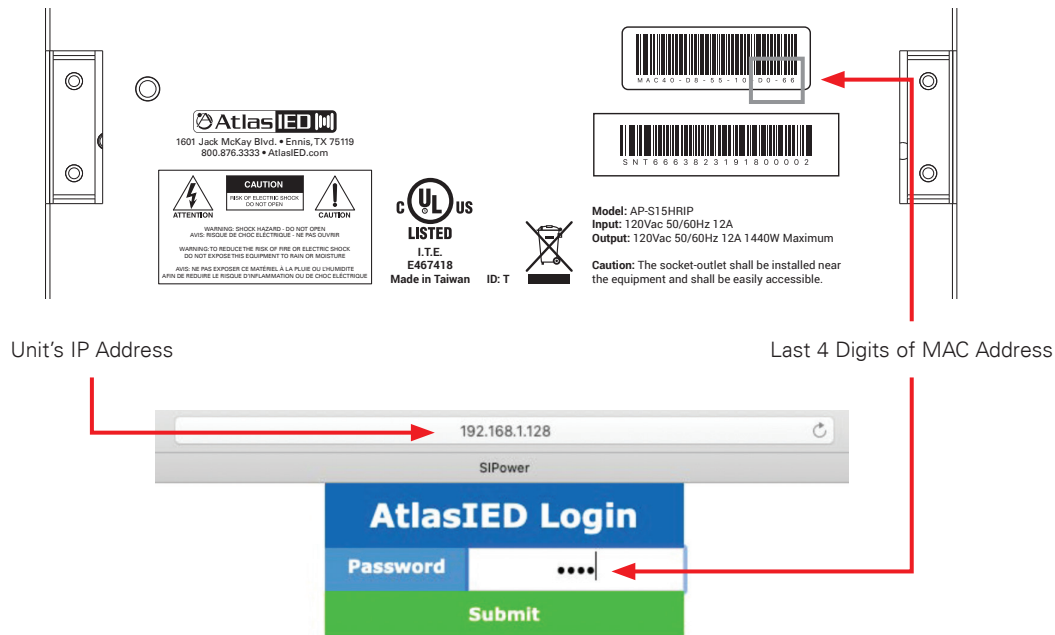
AP-S15HRIP / AP-S15IP / AP-S158IP

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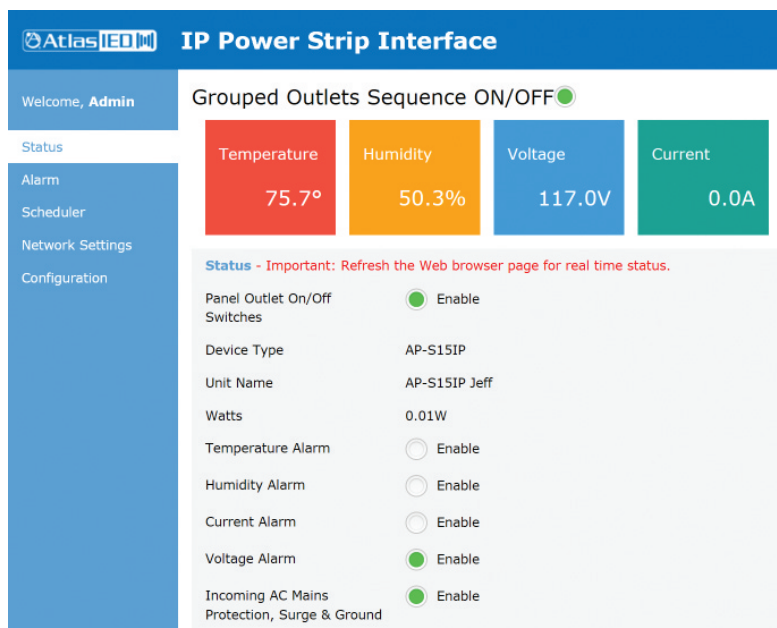
Logging Into the Unit

Each unit has a unique password assigned to it. Enter the unit's factory default password as show in the illustration below. The password is the last 4 digits of the MAC address. Find the MAC address label on the chassis. Example: A MAC address looks like (40-D8-55-10-D0-66). Input D066 (No dash) as the password to access the unit. **Note:** For "0" equals zero.

Using any internet browser, enter in the units IP address in the address bar to access the unit's web UI. Enter the unit's assigned IP address in the following format (http://192.168.1.138) or click on a device and the AtlasIED Login page will appear if using the discovery software. Enter in the factory password.



After entering the unit's password, the unit's GUI will open to the status page. Once at the Status page the user will have full access to all pages, programming functions and the factory default password can be changed.

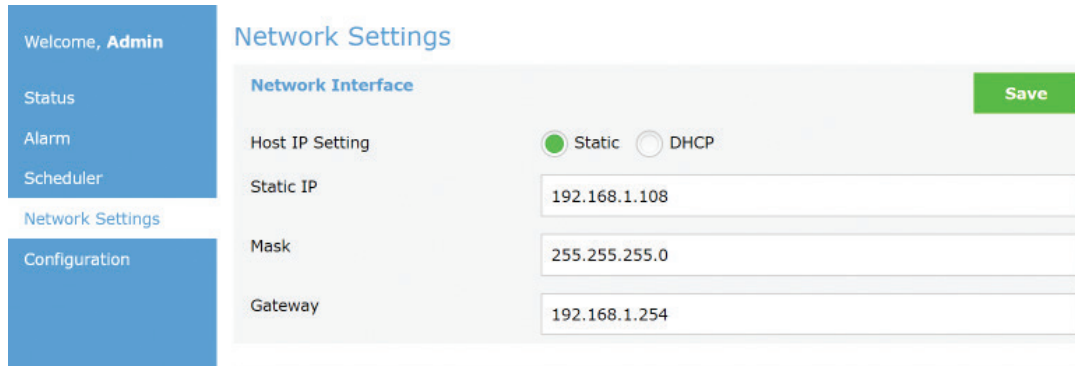


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Static IP Address

This setting can be found in the web interface under the Network Settings page. Static mode can be selected, and the Static IP address, Subnet Mask and Gateway can be entered. **Note:** If the selection is changed to "Static," the user must select "Save" and the unit's power must reset the power switch.



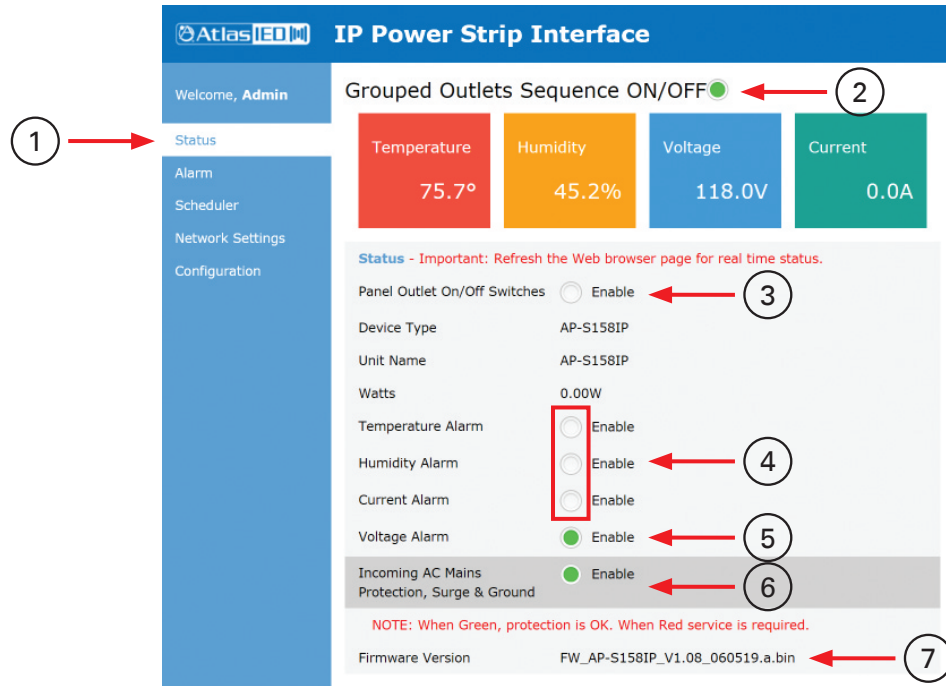
The screenshot shows the 'Network Settings' page in a web interface. On the left is a blue sidebar with navigation links: 'Welcome, Admin', 'Status', 'Alarm', 'Scheduler', 'Network Settings' (highlighted), and 'Configuration'. The main content area is titled 'Network Settings' and contains a 'Network Interface' section. In this section, the 'Host IP Setting' is set to 'Static' (indicated by a green radio button). Below this, there are three input fields: 'Static IP' with the value '192.168.1.108', 'Mask' with the value '255.255.255.0', and 'Gateway' with the value '192.168.1.254'. A green 'Save' button is located in the top right corner of the 'Network Interface' section.

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Status Settings WEB Page

This section uses the AP-S158IP as an example. UI features are the same for all three models. Note The AP-S15HRIP has 5 programmable outlets and the AP-S15IP and the AP-S158IP have 8 programmable outlets.



1. **Status Page** is selected.

2. Grouped Outlets Sequence On / Off Switch

- When this box is selected a check symbol will appear and the switch will be On. The unit will begin to sequence On / Off any outlets that are assigned to the Grouped Outlets in the Configuration page. Outlets will sequence On from the assigned outlet number in sequential order from lowest to highest.
- When the Grouped Outlets Sequence On / Off switch is turned Off, this box will have no check symbol and the outlets will sequence Off from the assigned outlet number high to low.

3. Panel Outlet On / Off Switches Enabled Indicator

- If this indicator is green, the front panel individual outlet switches are enabled and will function.
- The front panel individual outlet switches can be disabled on the configuration page by unchecking the Enable box.
- Select SAVE to apply the settings.
- Back on the Status page, the panel outlet On / Off switches enabled indicator will be grayed out, meaning the front panel individual outlet switches will not work.

4. Temperature, Humidity, Current Alarm Status Enabled Indicator

- The alarm functions are disabled and will not function if this indicator is grayed out.
- Go to the Alarm page and set the parameters for the alarm setting to enable them.
- Select Enabled.
- Select SAVE to apply the settings.
- If the alarms are activated these indicators turn red until the values are within safe operating range.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the alarm page.
- The Fault control port contact relay will be open when any alarm is activated.

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5. Voltage Alarm Status Indicator

- This indicator is always enabled and cannot be disabled for the protection of the equipment.
- Over Voltage (High) & Under Voltage (Low) trigger voltage settings can be set in the alarm page.
- Factory default is 132V for "HI" voltage and 88V for "LO" voltage settings.
- Voltage Alarm Recovery can be set to Auto Recover or Manual Reset. With Auto Recover, if the alarm is triggered and the AC outlets are shut Off and the AC mains voltage is within the safe operating parameters, all outlets will turn back On automatically. If set to Manual Reset, the AC mains need to be within the safe operating parameters and the panel power switch needs to be manually cycled.
- If the alarms are activated these indicators turn red and all switched AC outlets will turn Off at the same time. These outlets will remain Off and the indicator will remain red until the values are within the safe operating range.
- When the alarm is activated and the Voltage Alarm indicator is red in the GUI, the front panel OC / OV LED will also be illuminated.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the alarm page. See fault log information section.

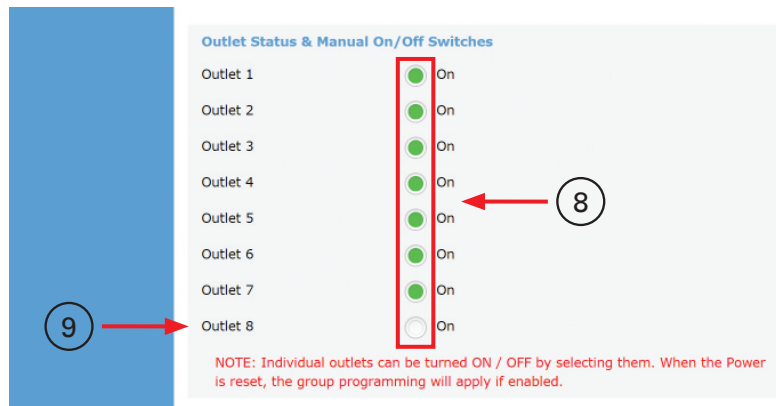
6. Incoming AC Mains Surge Protection Indicator

- This indicator is always enabled and cannot be disabled for the protection of the equipment.
- If an AC mains surge or spike occurs damaging the protection circuit, the incoming AC Mains Surge Protection indicator will turn from green to red indicating the unit is damaged and needs to be repaired.
- When the alarm is activated and the AC Mains Surge Protection indicator is red in the GUI, the front panel AC fault LED will also be illuminated. Service by a factory technician is required.
- **Note:** The unit may still function if the indicator is red, but all AC Mains surge protection will not function.

7. **Firmware Version** - Indicates the operating Firmware revision installed in the unit. Check the AtlasIED web page for the latest firmware. AP-IP firmware can found at www.atlasied.com/ip-enabled-power-distribution. Firmware updates are done through the AP-IP discovery software. To update the firmware, refer to Refer to the AP-IP Discovery Software Firmware Update section.

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8. Outlet Manual On / Off Switches

- To manually turn an AC outlet On or Off, mouse click on the box - the AC outlet will turn On and a check will appear in the box indicating the outlet is On.
- The box will be grayed out if the outlet is Off.
- Important - If an outlet box is grayed out and will not turn On, this means the outlet was already assigned to a group assignment in the configuration page.
- If there is a need to have an AC outlet always On and not part of a sequence, turn it On at this location and make sure it is not part of a scheduled event on the Schedule page or assigned to a Group Assignment in the configuration page.

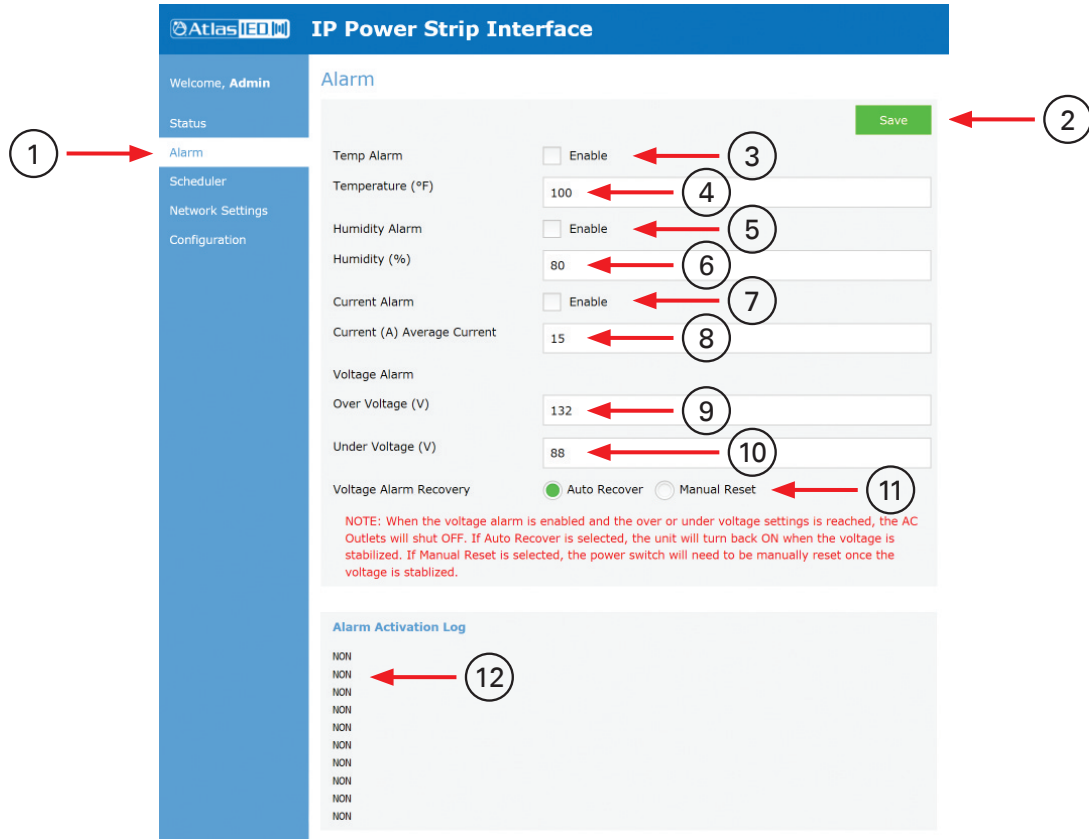
9. Outlet 8 - This AC outlet can be programmed for unique functions such as:

- It can be manually turned On.
- It can be part of grouped assignment for sequencing On / Off.
- Or, it can be programmed to act as a thermostat for rack climate control and turn On a rack fan pack plugged into this outlet. Outlet 8 Fan On / Off temp is programmed in the Configuration page. **Note:** If this outlet is assigned AC fan control it cannot be manually turn On / Off or be part of the grouped assignment or a timed scheduled event.

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Alarm Settings WEB Page



The screenshot shows the 'IP Power Strip Interface' web page. On the left is a navigation menu with 'Alarm' selected (callout 1). The main area is titled 'Alarm' and contains settings for various alarms. Callout 2 points to the 'Save' button. Callout 3 points to the 'Enable' checkbox for 'Temp Alarm'. Callout 4 points to the 'Temperature (°F)' input field (value 100). Callout 5 points to the 'Enable' checkbox for 'Humidity Alarm'. Callout 6 points to the 'Humidity (%)' input field (value 80). Callout 7 points to the 'Enable' checkbox for 'Current Alarm'. Callout 8 points to the 'Current (A) Average Current' input field (value 15). Callout 9 points to the 'Over Voltage (V)' input field (value 132). Callout 10 points to the 'Under Voltage (V)' input field (value 88). Callout 11 points to the 'Voltage Alarm Recovery' section, which has 'Auto Recover' selected. Callout 12 points to the 'Alarm Activation Log' section, which shows a list of 'NON' entries.

1. **Alarm Page** is selected.
2. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
3. **Temp Alarm Enabled Button**
 - When this box is checked the temperature alarm settings are engaged.
 - Select Save.
 - On the Status Page the indicator will reflect the alarm is enabled.
4. **Temp Alarm Settings**
 - Enter the value for the Temp Alarm to trigger. The operating range is 50° - 176°F, 10° - 80°C
 - Select Save.
 - If the alarms are activated the GUI and front panel indicators will turn red until the values are within safe operating range.
 - The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the Alarm page.
 - The fault control port contact relay will be open when any alarm is activated.
5. **Humidity Alarm Enabled Button**
 - When this box is checked the humidity alarm settings are engaged.
 - Select Save.
 - On the Status page the indicator will reflect the alarm is enabled.

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6. Humidity Alarm Settings

- Enter the value for the humidity alarm to trigger. The operating range is 15-95%
- Select Save.
- If the alarms are activated the GUI and front panel indicators will turn red until the values are within safe operating range.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the Alarm page.
- The fault control port contact relay will be open when any alarm is activated.

7. Current Alarm Enabled Button

- When this box is checked, the current alarm settings are engaged.
- Select Save.
- On the Status page the indicator will reflect the alarm is enabled.

8. Current Alarm Settings

- Enter the value for the current alarm to trigger. The operating range is 1A–15A
- Select Save.
- If the alarms are activated the GUI and front panel indicators will turn red until the values are within safe operating range.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the Alarm page.
- The fault control port contact relay will be open when any alarm is activated.

9. Over Voltage Alarm Settings

- This feature is always enabled and cannot be disabled for the protection of your equipment.
- Enter the Over Voltage trigger voltage settings. The operating range is 100V–140V.
- Factory default is 132V.
- Select Save.
- If the alarms are activated, these indicators will turn red and all switched AC outlets will turn Off at the same time. These outlets will remain Off and the indicator will remain red until the values are within safe operating range.
- When the alarm is activated and the voltage alarm indicator is red in the GUI, the front panel OC / OV LED will also be illuminated.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the Alarm page. See fault log information section.

10. Under Voltage Alarm Settings

- This feature is always enabled and cannot be disabled for the protection of the equipment.
- Enter the Under-Voltage trigger voltage settings. The operating range is 80V–120V.
- Factory default is 88V.
- Select Save.
- If the alarms are activated these indicators will turn red and all switched AC outlets will turn Off at the same time. These outlets will remain Off and the indicator will remain red until the values are within safe operating range.
- When the alarm is activated and the Voltage Alarm indicator is red in the GUI, the front panel OC / OV LED will also be illuminated.
- The fault reason, day and time will be recorded in the Alarm Activation log section located at the bottom of the Alarm page. See fault log information section.

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11. **Voltage Alarm Recovery** - Manual Reset or Auto Recovery

- Voltage Alarm Recovery can be set to Auto Recover or Manual Reset.
- Auto Recover selection, if the alarm is triggered and the AC outlets are shut Off and the AC mains voltage is within the safe operating parameters, all outlets will turn back On automatically.
- Manual Reset selection, if the alarm is triggered and the AC outlets are shut Off, and even if the AC mains voltage is within the safe operating parameters, all outlets will remain Off until the front panel power switch is cycled.

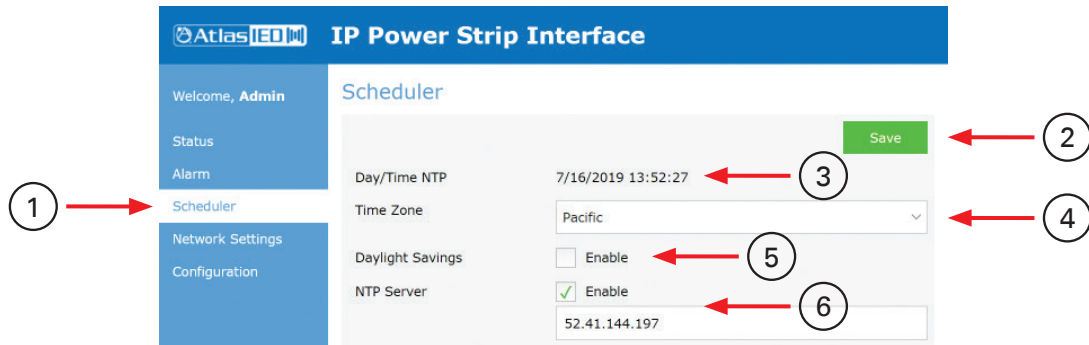
12. **Alarm Activity Log**

- This log will show any alarm that has been triggered by the date, time and the fault code.
- The log shows the last 10 faults issued.
- The fault codes are:
 - o Curn = Current
 - o Temp = Temperature
 - o Humi = Humidity
 - o Hvol = High voltage over limit
 - o Lvol = Low voltage over limit

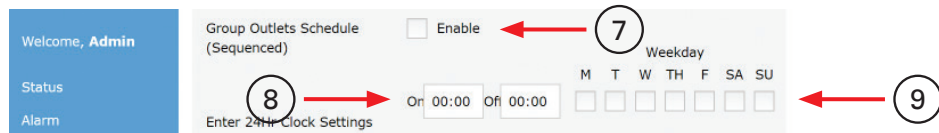
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Scheduler Settings WEB Page



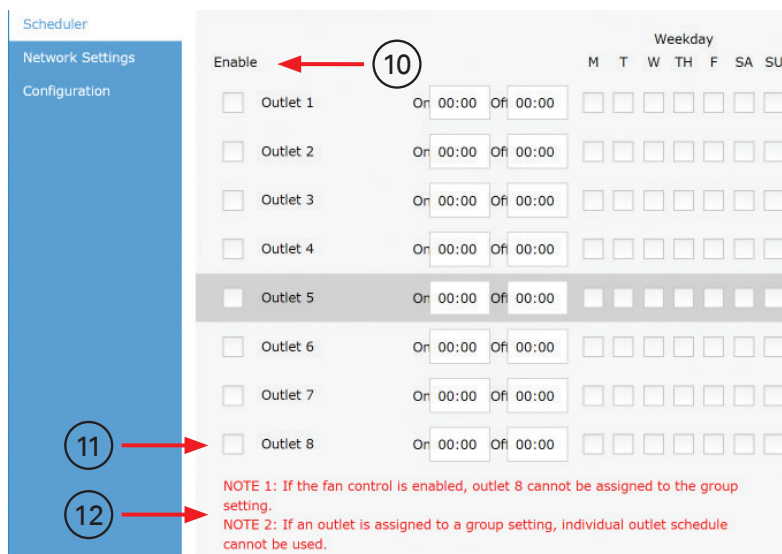
1. **Scheduler Page** is selected.
2. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
3. **Day / Time NTP (Network Time Protocol)** - Reflects the Date and Time of the associated LAN.
4. **Time Zone** - A drop down selection allows you to select from a variety of North American time zones.
5. **Daylight Savings Enabled Button**
 - Check this box if the equipment is installed in a location where Daylight Savings Time is observed to ensure proper scheduler function.
6. **NTP Server**
 - Enabled Button - This button needs to be enabled to set the unit's time.
 - NTP Server IP Address - IP Address of the server's Network Time Protocol



7. **Grouped Outlet Scheduled (Sequence) Enabled Button** - When this box is checked all outlets assigned to the Grouped Outlet will be sequenced On / Off at the time and days entered.
8. **24 Hour Clock Settings** - Enter in the time you want the outlets to turn On / Off. **Note:** 24-hour settings must be used. Example: 1 PM = 13:00
9. **Weekday Selection Buttons** - Select the days of the week the outlets are scheduled to operate.

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Scheduler

Network Settings
Configuration

Enable	Outlet	On	Off	Weekday						
		00:00	00:00	M	T	W	TH	F	SA	SU
☐	Outlet 1	00:00	00:00							
☐	Outlet 2	00:00	00:00							
☐	Outlet 3	00:00	00:00							
☐	Outlet 4	00:00	00:00							
☐	Outlet 5	00:00	00:00							
☐	Outlet 6	00:00	00:00							
☐	Outlet 7	00:00	00:00							
☐	Outlet 8	00:00	00:00							

NOTE 1: If the fan control is enabled, outlet 8 cannot be assigned to the group setting.
NOTE 2: If an outlet is assigned to a group setting, individual outlet schedule cannot be used.

10. **Individual Outlet Scheduled Event** - Each outlet can have its own scheduled event.

11. **Outlet 8** - This AC outlet can be programmed for the following functions:

- It can be manually turned On.
- It can be part of Grouped Assignment for sequencing On / Off.
- Or, it can be programmed to act as a thermostat for rack climate control and turn On a rack fan pack plugged into this outlet. Outlet 8 Fan On / Off temp is programmed in the Configuration page. **Note:** If this outlet is assigned AC Fan control it cannot be manually turned On / Off, be part of the Grouped Assignment or be part of a timed scheduled event.

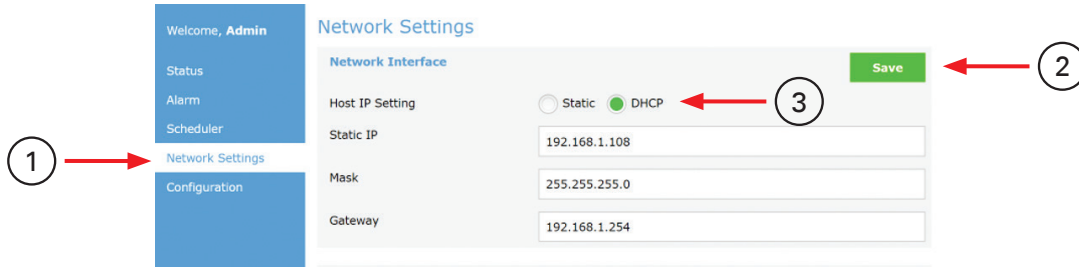
12. **Message Note**

- Note 1: If the Fan control is enabled, outlet 5 (AP-S15HRIP) and outlet 8 (AP-S15IP & AP-S158IP) cannot be assigned to the Group setting.
- Note 2: If an outlet is enabled, it is assigned to the Group Assignment and cannot be assigned to an individual schedule.

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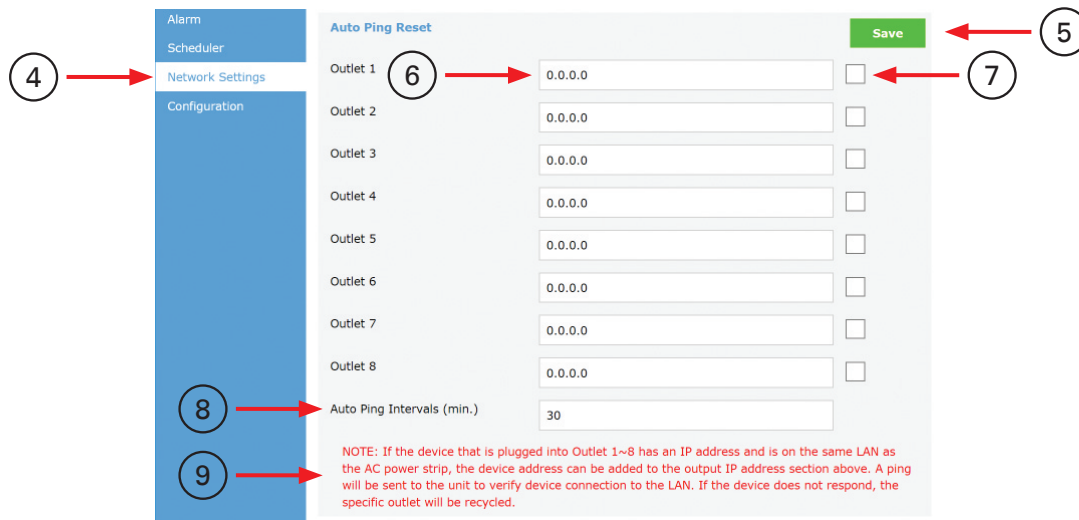
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Network Settings WEB Page - Network Interface Section



1. **Network Settings Page** is selected.
2. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
3. **IP Host Settings** Selection
 - **DHCP Mode** - This setting can be found in the web interface under the Network Settings page. The factory default mode is DHCP. **Note:** If the selection is changed, the user must select "Save" for the setting to take effect.
 - **Static Mode** - This setting can be found in the web interface under the Network Settings page. Static mode can be selected, and the Static IP address, Subnet Mask and Gateway can be entered. **Note:** If the selection is changed to "Static", the user must select "Save" and the unit's power must be cycled for the static IP address to take effect.

Network Settings WEB Page - Auto Ping Section

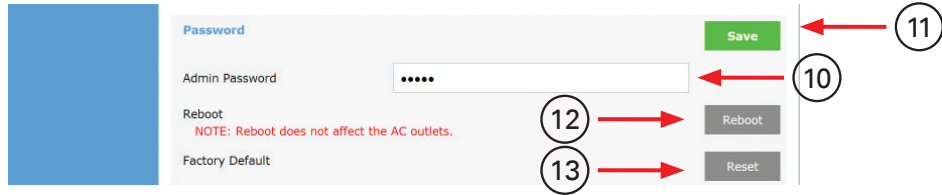


4. **Network Settings Page** is selected.
5. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
6. **Outlet IP Address** - If the piece of equipment that is plugged into an outlet has an Ethernet connection and is on the same LAN as the AP-S158IP, the IP address can be entered here for an Auto Ping test. This IP address will be sent a ping from the AP-S158IP and if a response is not received the AC outlet will be cycled. This will reboot only the product that is associated with the specific outlet.
7. **Outlet Auto Enable Button** - When this box is enabled the Auto Ping test is active.
8. **Auto Ping Intervals (Min)** - Set how often a ping command is sent to an outlet. The range is 2-60 minutes.
9. **Important Message, Please Read** - If an outlet is pinged and a response does not happen, the outlet will be cycled once per ping interval.

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Network Settings WEB Page - Password, Reboot, Factory Default Section



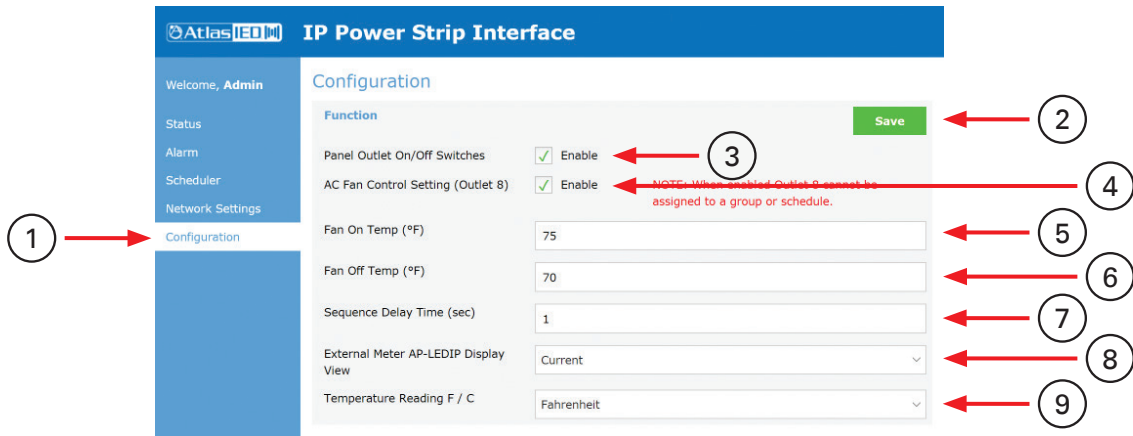
The screenshot shows the 'Password' section with an 'Admin Password' field (callout 10) and a 'Save' button (callout 11). Below this is the 'Reboot' section with a 'Reboot' button (callout 12) and a 'Factory Default' section with a 'Reset' button (callout 13). A note states: 'NOTE: Reboot does not affect the AC outlets.'

10. **Password** - Enter "Admin" here to change the Factory Default password. If the password is lost, a hard reset is required to reset it back to 'admin'. If performing a hard reset, all settings will be lost.
11. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
12. **Reboot** - Cycles the Ethernet port of the AP-S158IP. This reboot does not affect the AC outlets.
13. **Reset** - Selecting this button will reset all settings to the Factory Default setting and will clear any programming. The Login Password will be reset to the four digits of the MAC address.

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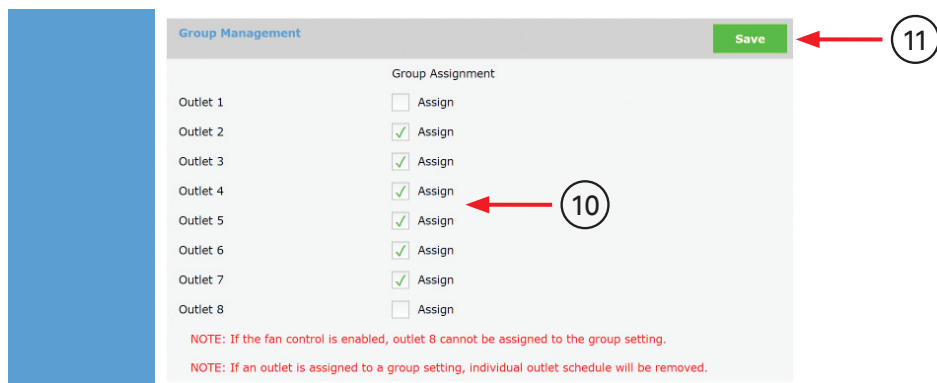
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Configuration Settings WEB Page - General Settings Section



1. **Configuration Settings** Page is selected.
2. **Save Button** - Make sure to select this after every change or the new setting will not be applied.
3. **Panel Outlet On / Off Switches** - This button enables or disables the individual front panel On / Off switches.
4. **AC Fan Control Settings (Outlet 8)** - When Enabled, outlet 8 turns On / Off based on the temperature settings set in the Fan On / Off settings. If enabled, it cannot be assigned to a schedule or Group Assignment sequence. It is ideal to connect a fan to this outlet to cool a rack.
5. **Fan On Temp (°F)** - Set the temperature at which the fan should turn On. Temperature must be set above the Fan Off Temp setting.
6. **Fan Off Temp (°F)** - Set the temperature at which the fan should turn Off. Temperature must be set below the Fan On Temp setting.
7. **Sequence Delay Time (sec)** - Enter the time in seconds for the delay between outlets turning On or Off in a sequence.
8. **External Meter AP-LEDIP Display View** - This display can show AC mains Voltage, Current, Temperature Humidity and the IP address. Select the desired information to display during power up. The selection can also be changed on the LED display directly.
9. **Temperature Display View (C/F)** - The Status Page display and the AP-LEDIP display can show temperature in either Fahrenheit or Celsius.

Configuration Settings WEB Page - Group Assignment Section

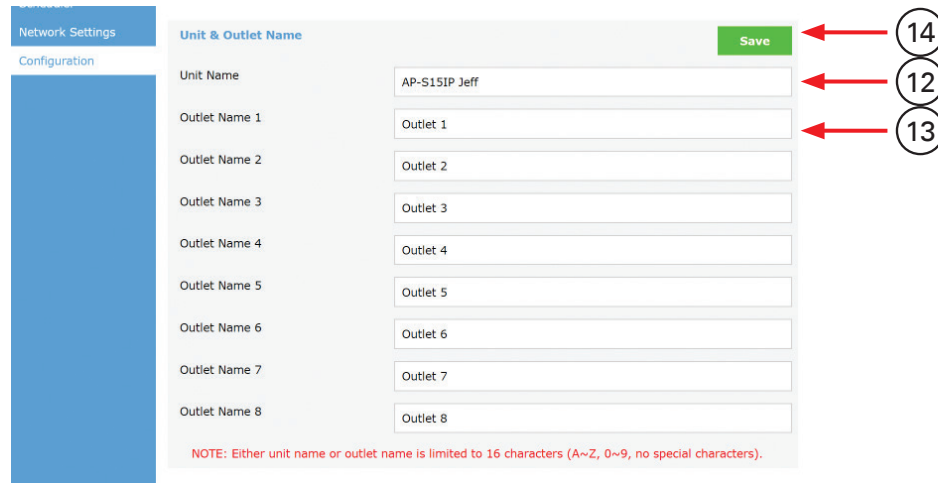


10. **Group Assignment** - Each outlet can be assigned to a Group to be sequenced On / Off.
 - **Note:** If an outlet is enabled, it is assigned to the Group Assignment and cannot be assigned to an individual schedule.
 - **Note:** If the Fan control is enabled, outlet 5 (AP-S15HRIP) and outlet 8 (AP-S15IP & AP-S158IP) cannot be assigned to the Group setting.
11. **Save Button** - Make sure to select this after every change or the new setting will not be applied.

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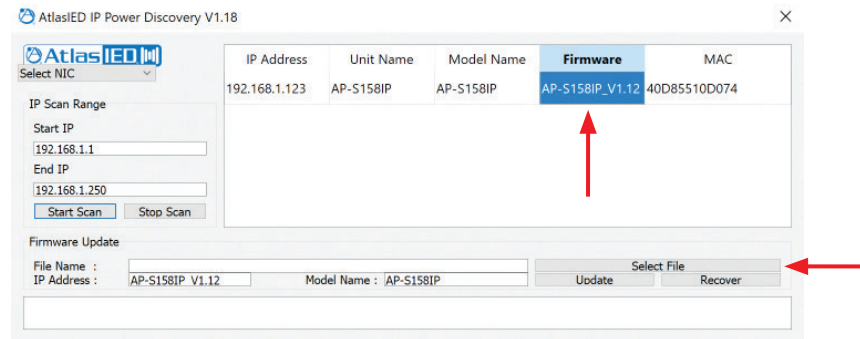
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Configuration Settings WEB Page - Outlet Naming Section



12. **Unit Name** - This is the name of the unit. It can be changed to make identifying the AP-S158IP easier when there are more than one on the same LAN.
13. **Outlet Name** - Each outlet can have a custom name that can be entered here.
14. **Save Button** - Make sure to select this after every change or the new setting will not be applied.

Firmware Updates



Firmware updates are done through the AP-IP Discovery Software.

1. Download the AP-IP Discovery Software and guide at www.atlasied.com/ip-enabled-power-distribution.
2. Discover the AP-IP units on the LAN.
3. 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. Follow the firmware updating instructions in the AP-IP Discovery Software guide.

3rd Party API Commands

The AP-IP power distribution systems can be controlled via 3rd party devices by using the API commands. Remote control functions such as outlet sequence On / Off, system reboot, unit status, environmental status and fault conditions are available. The AP-IP power distribution system 3rd party API commands is available at www.atlasied.com/ip-enabled-power-distribution for download.

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System	
Type	Networked AC Power Distribution Conditioner & Suppressor
Load Rating	Max Load 15A (1800W), Rated Load 12A (1440W)
Network Type	LAN, WEB User Interface (Note 1)
Panel	
Activation Switch	Rocker with Security Bar
Circuit Breaker	15A Resettable Power Switch
Outlet On / Off Switches	Momentary Manual
AC Outlets	NEMA5-15R Switched (Programmable), Qty 8 (AP-S15HRIP Qty 5) Note: Outlet 8 Can Be Used to Activate a Fan Triggered by Temperature Range of On: 51° - 176°F / Off: 50° - 175°F
AC Mains IEC Power Socket	IEC NEMA 5-15P 15A 1800W with Power Cord Retainer
LAN Port	RJ45, Ethernet Port
Temp / Humidity Port	RJ14, Temperature, Humidity Probe, 2M, Probe Included
Display Port	RJ25, for AP-LEDIP Display for Voltage, Current, Temperature, Humidity, IP Address
Fault Report Port	3.5mm Jack, Fault Reporting Contact Closure, Normally Closed & Opens During Fault State, Cable Included
GPIO Fault Relay Port	Fault Relay Interface, Temperature, Humidity, Over & Under Voltage, Over Current, Surge, Cable Included
Indicators	
Power On Indicator	Power Switch LED, Red
Outlet Status Indicators	Green, Qty 8 (AP-S15HRIP Qty 5)
Over Temperature Alarm Indicator	Red, Programmable Range 50° - 176°F , 10° - 80°C
Over Humidity Alarm Indicator	Red, Programmable Range 15 - 95%
Over Current / Voltage Alarm Indicator	Red, Programmable Range High - Voltage 100V - 140V, Under Voltage 80V- 120V
AC Fault Indicator	Red, Illuminates When Surge Protection is Damaged
AC Ground Indicator	Red, Illuminates When Earth Ground Is Bad
User Interface and Configuration	
Web Interface	HTTP Protocol, XML Commands Available
Status	Voltage, Current, Temperature, Humidity, Spike Protection, Ground Fault, Outlet Status
Alarms	Voltage Hi / Lo, Current, System Temperature, Humidity, Fault Log
Scheduler	24 / 7, Group Schedule or Individual Outlet Schedule
Network	LAN Base, DHCP or Static IP, Individual Outlet Auto Ping Reset (Note 1)
Configuration	Outlet Renaming, Group Assignment, Sequence Delay Timing, Temperature Activated Outlet
Technical Data	
Max AC Mains Current	12A, 1440W
Operating Voltage	100VAC - 132VAC
Power Consumption	8-Watts
Noise Attenuation RFI	10dB @ 10kHz / 40dB @ 100kHz / 100dB @ 10MHz
Min. Spike Clamping Voltage	460VRMS @ 3000A
Max. Spike Clamping Voltage	6000V, 1 nanosecond
Spike Clamping Voltage @ 100A	1250Vp for 20µs
Maximum Surge Current	6,500A
Energy Rating @ 2ms	600 Joules
Unit Operating Temperature Range	40° - 105°F, 5° - 40.5°C
Humidity Range	5% to 95% Relative Humidity
Fault Reporting	Web, GPIO Contact Closure (Closed During Normal Operation, Opens During Fault Condition), API-Commands

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Mechanical	
Chassis Finish	Black
Product Dimensions (HxWxD)	AP-S158IP - 2.24" x 40.5" x 3.33" (57mm x 1029mm x 85mm) AP-S15IP - 1.75" x 19" x 7.35" (45mm x 481mm x 187mm) AP-S15HRIP - 1.75" x 8.83" x 8" (45mm x 224mm x 204mm) - Width with Rack Ears 10.4" (267mm) (Note 2)
Shipping Dimensions (HxWxD)	AP-S158IP - 6.25" x 42" x 5" (159mm x 1066mm x 127mm) AP-S15IP - 5" x 18.7" x 10.6" (129mm x 475mm x 269mm) AP-S15HRIP - 3.5" x 12.12" x 11.5" (90mm x 308mm x 290mm)
Unit Weight	AP-S158IP - 3.6 lbs. (1.63kg) AP-S15IP - 5.5 lbs. (2.5kg) AP-S15HRIP - 3.5 lbs. (1.6kg)
Shipping Weight	AP-S158IP - 6 lbs. (2.7kg) AP-S15IP - 7.72 lbs. (3.5kg) AP-S15HRIP - 5.5 lbs. (2.5kg)
Package Contents	Temperature / Humidity Probe, Fault Interface Probe, 2m 14-Gauge IED Power Cord, IEC Power Cord Retailer Bracket, AP-LEDIP Display, Qty 1 Each, Rack Mount Kit for 1/2 Width & 19" Racks (Note 3)
Agency Approvals	
Safety Listing	North America UL60950-1, CAN/CSA C22.2 No. 60950-1, UL1449

Note 1: The AP-S15HRIP, AP-S15IP, and AP-S158IP meet the Californian law SB-327. Each unit is shipped with a unique password that can be changed for accessing the device over the network. They are LAN (Local Area Network) devices and require a firewall or VPN for secure connection outside the network operation. AtlasIED recommends consulting an IT specialist for best network security practices before installation.

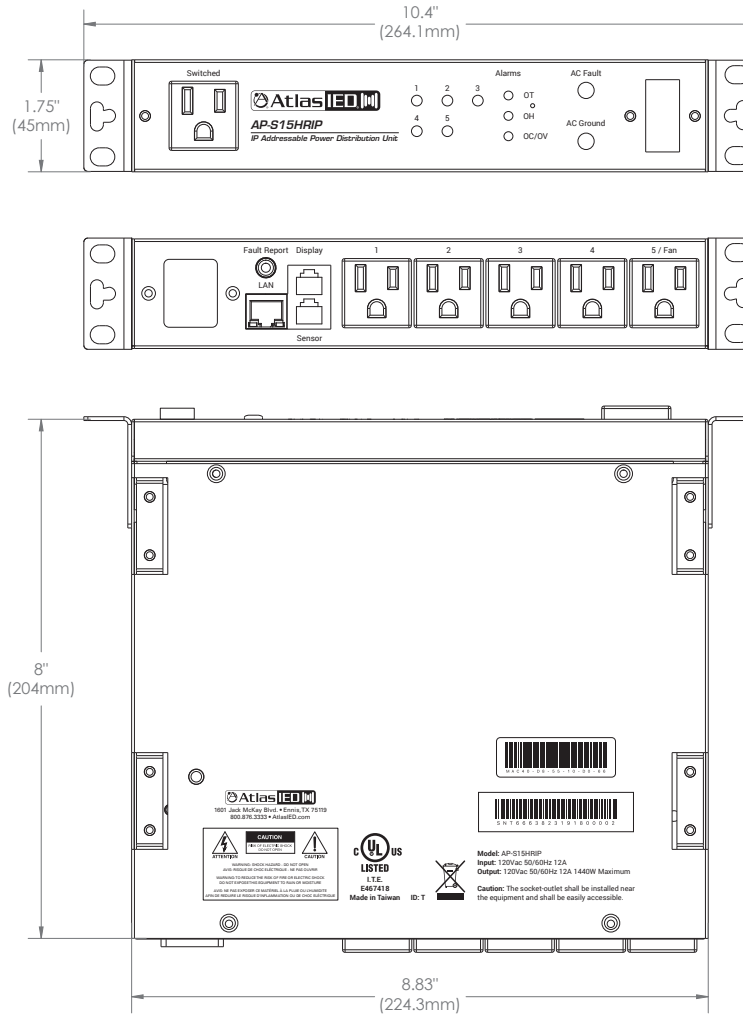
Note 2: The AP-S15HRIP fits most rack cabinets that are classified as half-width. There are no industry standards for these types of racks and rack widths may vary between manufactures. AtlasIED recommends checking the distance between the rack rail opening before proceeding.

Note 3: The AP-S15HRIP can be mounted into an AtlasIED wall mount half-width rack or a 19" rack. The AP-S15HRIP can be mounted with any AtlasIED 1/2 RU products or mounted alone, but requires a rack mount kit. **Note:** Two AP-S15HRIP units cannot be mounted side by side.

AP-S15HRIP / AP-S15IP / AP-S158IP

Owner's Manual

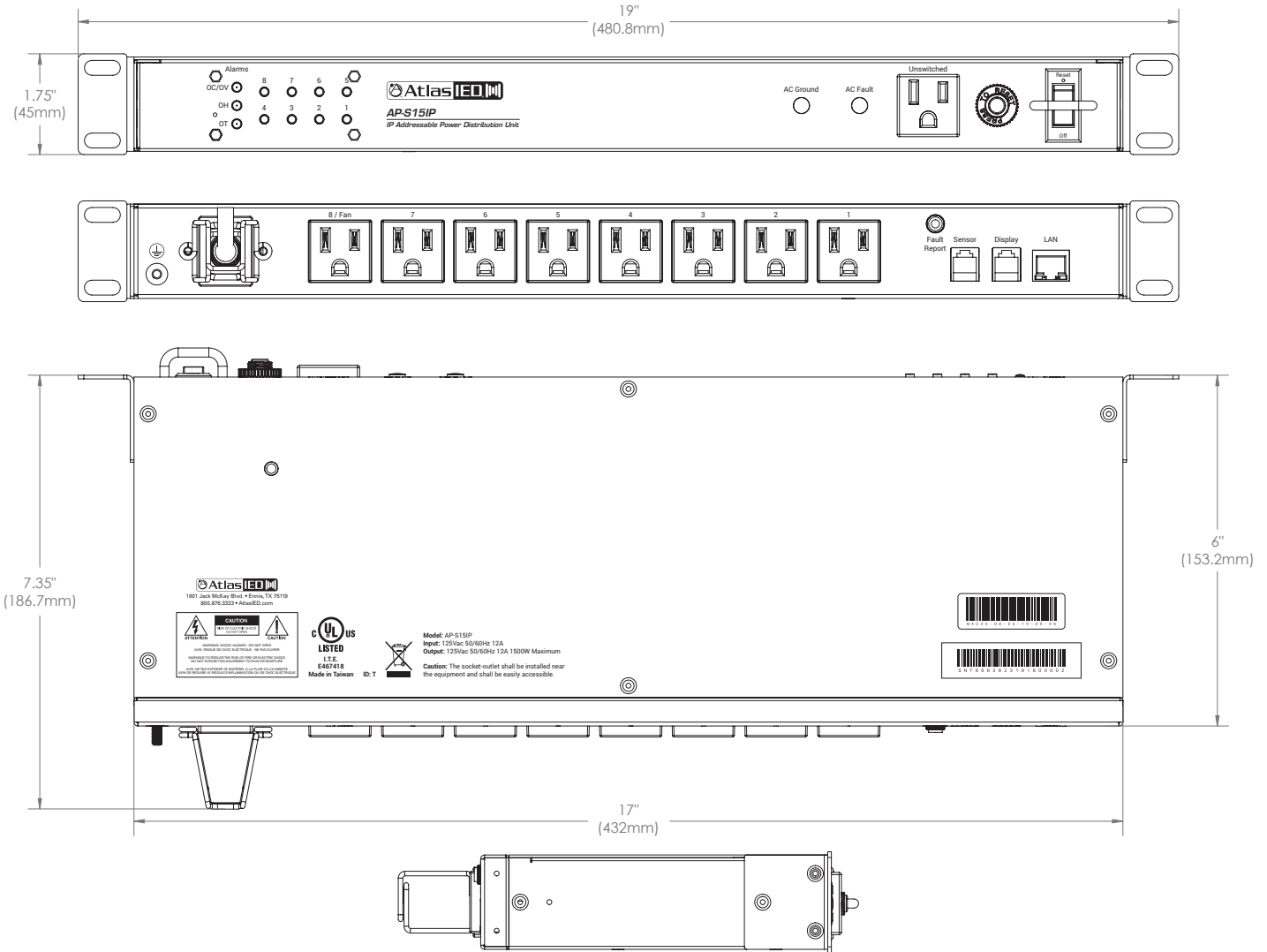
Dimensional Drawings - AP-S15HRIP



AP-S15HRIP / AP-S15IP / AP-S158IP

Owner's Manual

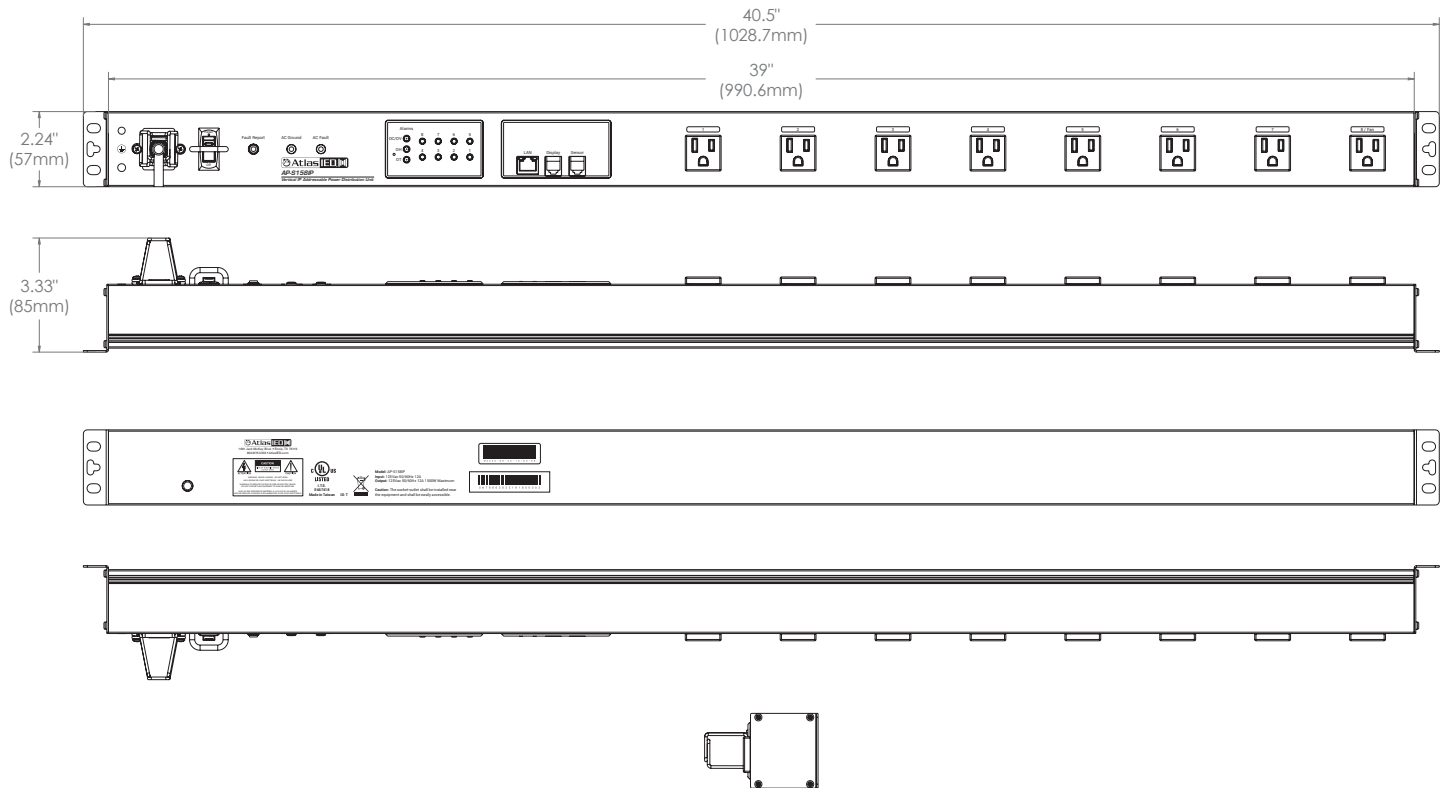
Dimensional Drawings - AP-S15IP



AP-S15HRIP / AP-S15IP / AP-S158IP

Owner's Manual

Dimensional Drawings - AP-S158IP



Limited Warranty

All products manufactured by AtlasIED are warranted to the original dealer/installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of three years on all AtlasIED products, including SOUNDOLIER brand, and ATLAS SOUND brand products except as follows: one year on electronics and control systems; one year on replacement parts; and one year on Musician Series stands and related accessories. Additionally, fuses and lamps carry no warranty. AtlasIED will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workman like manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to AtlasIED do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any nonwarranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ATLASIED SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

AtlasIED does not assume, or does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Service

Should your AP-IP Power Distribution System require service, please contact the AtlasIED warranty department at 1-877-689-8055, ext. 277 or www.atlasied.com/support to obtain an RA number.

AtlasIED Tech Support can be reached at 1-800-876-3333 or www.atlasied.com/support.

Visit our website at www.AtlasIED.com to see other AtlasIED products.