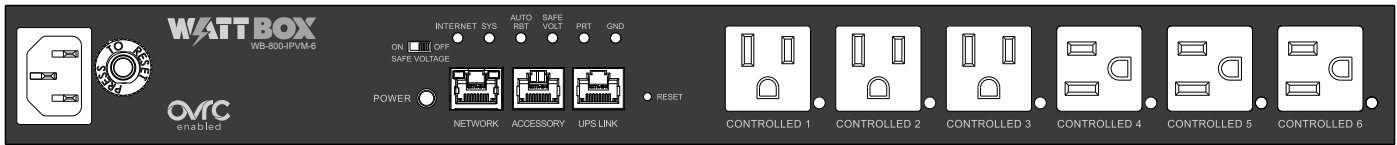


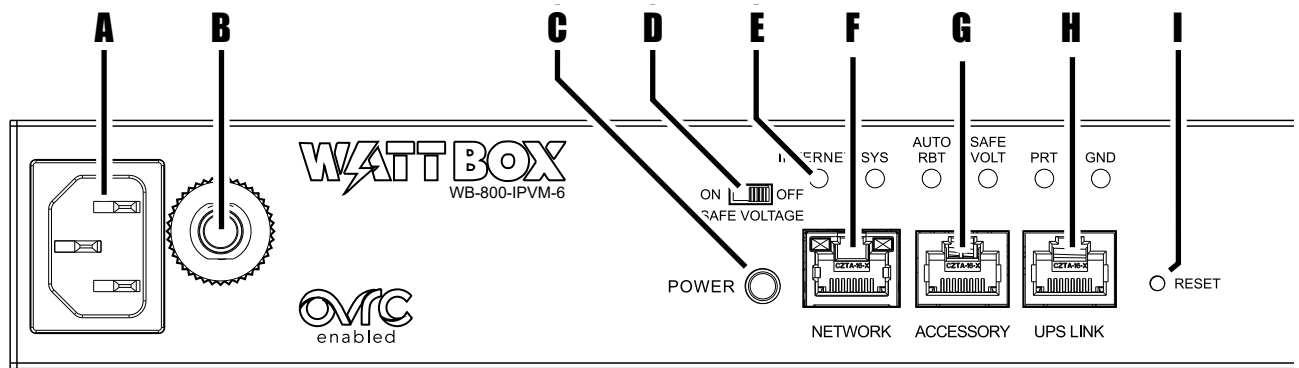
# WATT BOX™

**WB-800-IPVM-6**

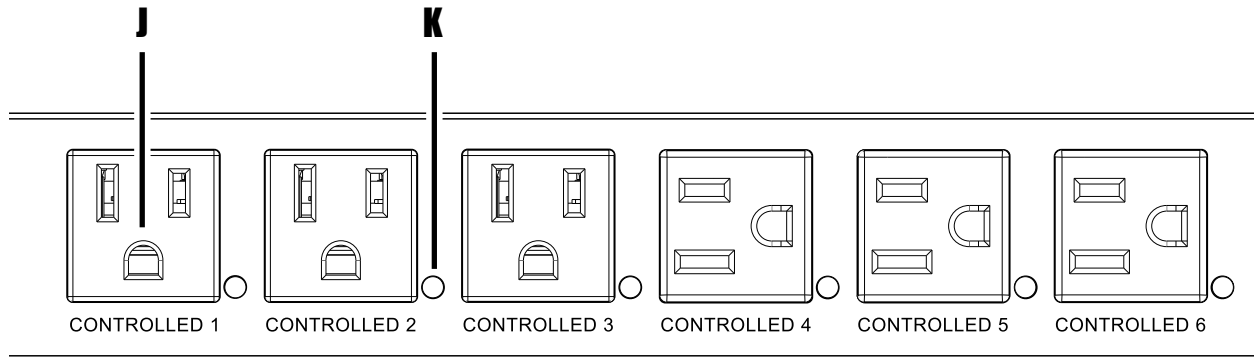


## QUICK START GUIDE

# FRONT PANEL



- A. Power Inlet: For 3 prong IEC power cord.
- B. Circuit Breaker Reset Button: Press this button to restart the WattBox after an overload.
- C. AC Power switch: Press to manually toggle the outlets on or off. This glows with an amber light when the unit is powered.
- D. Safe voltage slider switch: Toggles the “Safe Voltage” feature on and off, which protects your gear using normalized power flow. On is to the left; off is to the right.
- E. Indicator LEDs: See the system status, Internet activity, auto reboot, safe voltage, surge protection, and grounding (see page 9).
- F. Network Connection: Connect to the Local Area Network (LAN) for IP control and monitoring.
- G. Accessory Port: Not used at this time, but included for future upgrades.
- H. UPS Link: For connection to a Wattbox UPS unit.
- I. Reset Button: Use a thin tool (paper clip, toothpick) to press this to restart the network card (no settings are changed). Press and hold 5 seconds to set the power strip to DHCP. Press and hold 10 seconds to reset the power strip to factory default.



J. Controllable Outlets: All outlets are switchable (IP controlled).

K. Power Indicators: These illuminate when power to the matching outlet is on.

## PACKAGE CONTENTS

This package contains:

- Power strip
- Removable power cord

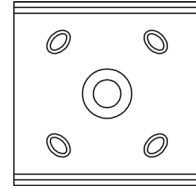


- Clip Screws (2)

- Rack Ears (2 short, 2 long)
- Rack Ear Screws (8)



- Nuts (2)

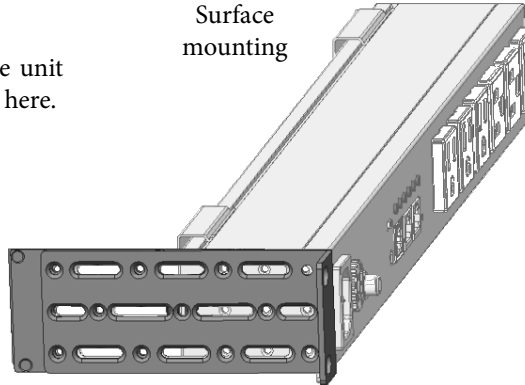


- Mounting clips (2)

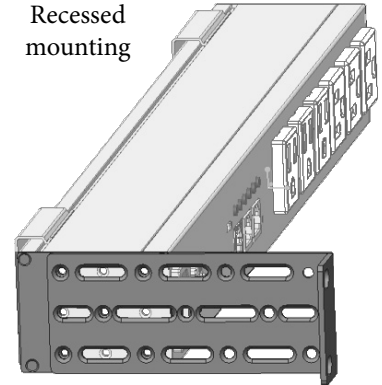
## RACK EAR MOUNTING OPTIONS

The long rack ears allow you to mount the unit at varying depths within the rack, as shown here.

Surface  
mounting

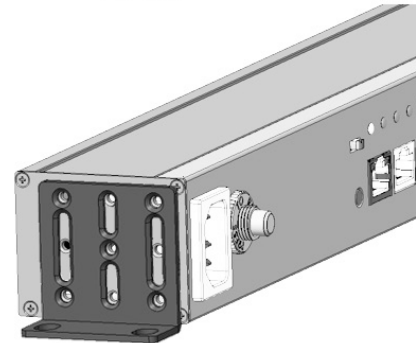
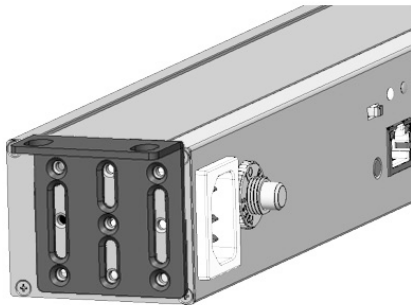
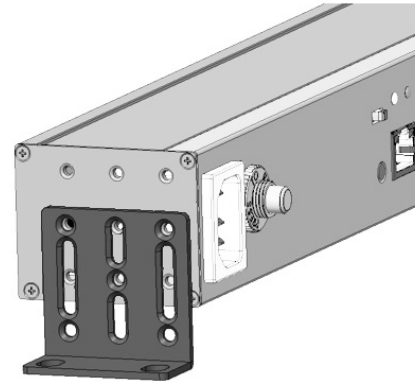
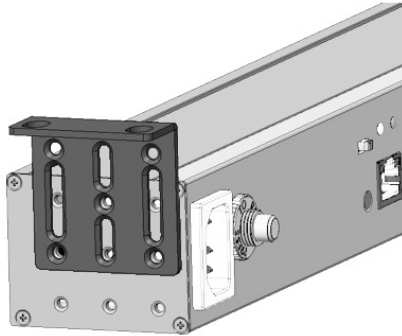


Recessed  
mounting



## RACK EAR MOUNTING OPTIONS

The rack ears can be used to mount the power strip in several arrangements other than on the rack. You can mount it under a counter or shelf (below left), on top of a table (below right), or against the wall (not shown). With each of these options, you can choose to mount it flush to the surface (bottom) or displaced (top). In addition, you can mount the unit at angled increments of 45°. See our website for examples.



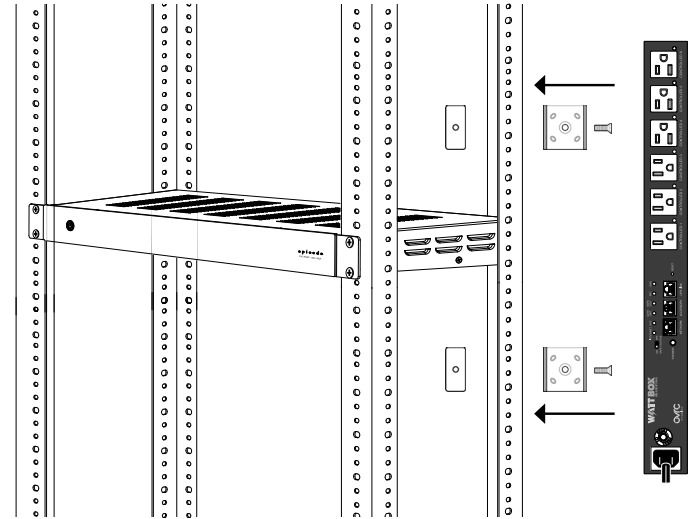
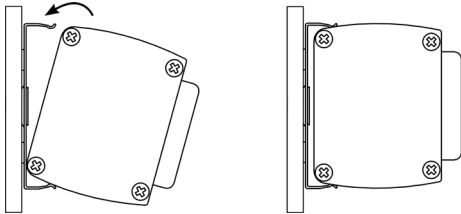
## RACK MOUNT WITH CLIPS

This can be mounted vertically on the outside of one rail of a rack.

Using the nuts and screws provided, install the mounting brackets (with the clips oriented as shown at right) on the outside of one rack rail. Place the clips 3"–4" from each end of the power strip.

### Mount the Strip

Align the power strip with the inside of one edge of the mounting bracket. Apply pressure and rotate until the units snaps into place.

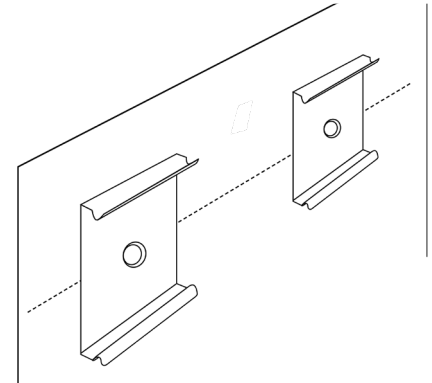


## WALL MOUNT WITH CLIPS

This unit can also be mounted on a wall, either vertically or horizontally.

Draw a level or plumb line. Using wall anchors or other appropriate hardware (not provided), attach the mounting brackets (clips oriented as shown) centered on the level or plumb line, so that the clips are 3"–4" from each end of the power strip. For the greatest stability and safety, we recommend you mount the brackets to studs wherever possible.

Next, insert the unit as described in **Mount the Strip**, above.



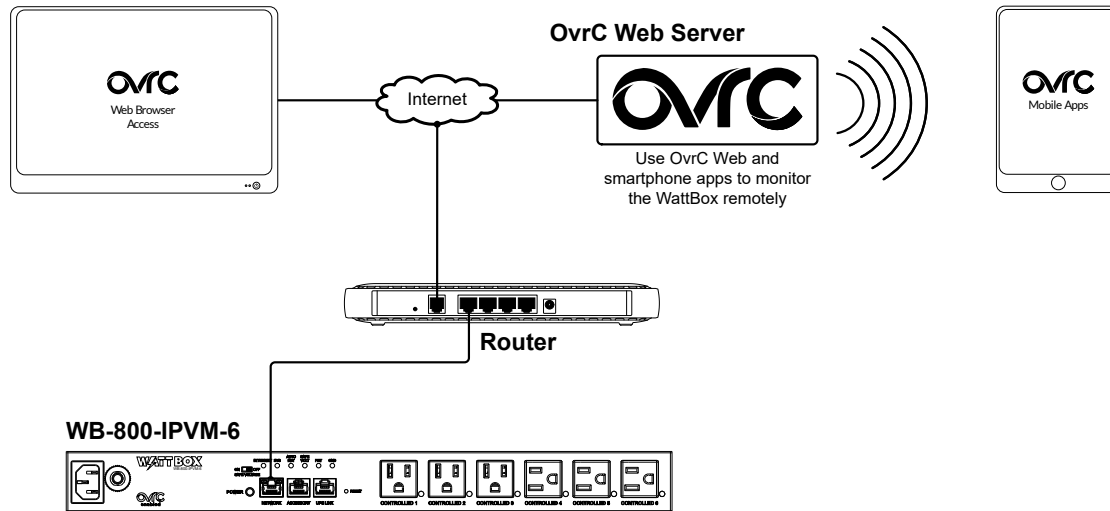
## CONNECTIONS AND SETUP

If attaching an IP-enabled WattBox UPS to the power strip, plug the cable from the UPS into the UPS link port (page 2, item H).

**Caution:** The UPS link must be connected **before** applying power to the WB-800.

If you desire OvrC connectivity, plug a network cable from your router or switch into the network port (page 2, item F).

Plug in the IEC power cord (page 2, item A).



# CLAIMING THE WATTBOX ON OVR

The WB-800 has many powerful features that are accessed through OvrC, our award-winning remote management tool.

If you are not familiar with OvrC, visit [OvrC.com](https://OvrC.com). To find training for OvrC, log in to [SnapAV.com](https://SnapAV.com), click on the **Training** tab, and then launch Snap University.

## Finishing Setup with OvrC

1. Ensure the WB-800 is connected to the internet via your router or network switch.
2. Log in to your OvrC account.
3. Add the WB-800 by entering its MAC address and service tag (ST) number.

You can now complete setup through OvrC. Ensure your firmware is up to date, schedule automatic reboots, set up power-on delays, etc.



# LED INDICATORS

The bank of six LED indicator lights give you key information about the health of your system.

Internet	Green (Solid)	All sites / IP addresses are communicating with the WattBox
	Green (Flashing)	At least one (not all) sites / IP addresses are communicating with the WattBox
	Red	None of the sites / IP addresses are communicating with the WattBox.
System Status	Green (Solid)	WattBox processor is in an operating state and can be accessed via the WattBox interface
	Red (Flashing)	Firmware for the WattBox processor is being updated, during this state the WattBox cannot be accessed via the WattBox interface.
Auto Reboot	Green	Auto reboot is enabled. WattBox will power cycle outlets that are ON when communication with the assigned Website/IP Address is lost. Note: outlets that are OFF will not power cycle.
	Off	Auto Reboot is Disabled, no power cycle will occur when communication with the assigned Website/IP Address is lost.
Safe Voltage	Green	Safe voltage is enabled. The current incoming AC voltage is safe for operation.
	Red	Incoming AC voltage is NOT safe. Outlets have been turned off to protect the equipment.
	Off	Safe voltage is disabled.
Surge Protected	Green	The WattBox is powered on and outlets are protected.
	Off	The WattBox is not powered on, or the MOVs have opened removing power from the outlets.
Grounded	Green	Incoming AC outlet is grounded.
	Off	Incoming AC outlet is not grounded and requires inspection by an electrician.

# TROUBLESHOOTING

Symptom	Possible Cause	Remedy
Wattbox is not receiving power (the System Status LED is not illuminated).	Wattbox is not turned on.	If the WattBox power button does not show amber, press it.
	No power is being supplied.	Make sure the AC power plug is plugged into a properly grounded 120V (nominal) wall outlet. Some outlets are controlled by a wall switch. Try flipping the switches in the room, especially those near the wall outlet. Also check the location's circuit breakers.
	Too many devices are connected, causing an overload, tripping the WattBox's internal circuit breaker.	Press the circuit breaker reset button. Allow 10 minutes before attempting to reset, otherwise the reset will fail. If the circuit breaker continues to trip, move one or more components to another Wattbox.
The attached component is not receiving power from the WattBox.	Component is plugged into a controlled outlet and the outlet is off.	Log in to the Wattbox interface to turn the outlet on.
	In some instances, a component plugged into a switched outlet won't automatically power itself up when the Wattbox is turned on.	Turn the component power on.
Speakers emit a humming or buzzing noise.	Wattbox is sharing AC power with equipment that is not properly grounded.	Connect Wattbox to a dedicated outlet. Unplug different components from Wattbox one at a time to see if the noise stops.
	The speakers are sharing a filter with noisy gear.	Move the power cords for the speakers (or the noisy components) to a different outlet filter bank.

# **IMPORTANT SAFETY INSTRUCTIONS**

Read and observe the following safety points at all times.

## **NOTICE**

For indoor use only. Internal components are not sealed from the environment. The device can only be used in a fixed location such as a telecommunication centre, or a dedicated computer room. When you install the device, ensure that the protective earthing connection of the socket-outlet is verified by a skilled person. Suitable for installation in Information Technology Rooms in accordance with Article 645 of the National Electrical Code and NFPA 75.

Only use brackets/attachments/accessories specified by the manufacturer.

Do not place the device in an unstable position where it might fall and cause injuries. This equipment is not suitable for use in locations where children are likely to be present.

Do not cover this device with a cloth. Do not install it on a carpet or rug.

## **CAUTION – Potential Injury**

Do not use this product with extension cords, multioutlet power strips, multioutlet extenders, or UPS devices (other than a WattBox UPS). The power capacity of these accessories can be overloaded by this product and may result in a risk of fire, or property damage.

## **WARNING – Lithium Battery**

A lithium battery is molded into this device's real-time clock. The lithium battery is not intended to be replaced; a lithium battery can explode if it is incorrectly replaced. Do not recharge, disassemble, or incinerate a lithium battery. Discard used lithium batteries according to local regulations.

## **WARNING – Power Sources, Grounding, Polarization**

This plug is designed to be inserted into a NEMA 5-15 (three-prong grounded) outlet only. Do not force the plug into an outlet that is not designed to accept it. Never dismantle the plug or to alter the power cord, and do not attempt to defeat the grounding feature by using a 3-to-2 prong adapter. If you have questions about grounding, consult your local power company or a qualified electrician.

This Wattbox requires a properly grounded outlet for safety. If you're not sure if your home's electrical wiring is properly grounded, have it checked by a qualified electrician.

If a rooftop devices such as a satellite dish connects to the WattBox, ensure that the device's wires are also properly grounded.

### **WARNING – Liquid: Avoiding Electrical Shocks**

Do not operate the WattBox if liquid of any kind is spilled onto or inside the unit. Do not operate it near rain or water, even water that is contained (e.g., bathtub or sink).

### **WARNING – Power Cord Safety**

Do not place the power cord near areas with heavy foot traffic (e.g., hallways). Do not create a trip hazard with the power cord.

If the power cord's protective jacket rips or frays, exposing the internal wiring or shielding, disconnect it from the power source and replace the power cord immediately. See the warranty section of the owner's manual for details.

### **WARNING – No User Serviceable Parts Inside**

If the WattBox is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Unplug the unit and consult the warranty section of the owner's manual.

### **CAUTION – Exposure to Heat**

Do not expose the WattBox to direct sunlight or place it near wall heaters, space heaters, or in an enclosed space prone to temperature increase.

Do not use the device in a confined, poorly-ventilated location; this can overheat the unit, possibly even causing a fire. If used in a small space other than an EIA-standard rack, ensure that there is adequate space around the device.

### **CAUTION – Proper Cleaning**

In general, the only cleaning necessary for is a light dusting. Unplug WattBox from the wall outlet before cleaning it. Do not use liquid or aerosol cleaners.

## **FCC WARNING**

**WARNING!!** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice: (1) An unshielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. (2) Use only shielded cables to connect I/O devices to this equipment.

Note: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

The Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulation.

Cet appareil numérique de la class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

# **WARRANTY**

## **3-Year Limited Warranty**

This SnapAV® product has a 3-Year Limited Product Warranty and a 3-Year Network Connectivity Warranty. The 3-Year Limited Product Warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified, or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA). Contact technical support for an RA number.

## **3-Year Replacement Policy**

Valid only in the United States and Canada. If your SnapAV surge protector becomes damaged while protecting your connected equipment, you may request an equivalent replacement to the latest technology of that product category. Keep a copy of the original invoice to verify the date of purchase by the original buyer.

## **WARRANTY LIMITATION FOR INTERNET PURCHASERS:**

SnapAV products purchased outside the SnapAV website do not carry a valid Connected Equipment Protection Policy unless purchased from an Authorized SnapAV Dealer.

# **SNAPAV SURGE PROTECTOR CONNECTED EQUIPMENT PROTECTION POLICY**

**CAUTION:** Audio/video, computer and/or telephone system installations can be very complex systems of interconnected components. A single protector may not be able to completely protect complex installations. In those cases, employ a systemic approach using multiple protectors. Systemic protection requires professional design. AC power, satellite cables, CATV cables, or telephone/network lines entering the system that do not pass through this surge protector render the SnapAV connected equipment protection policy null and void. For additional information on protecting your system, please contact SnapAV before installing the surge protector.

This policy is valid only in the United States and Canada. It is the policy of SnapAV that it will, in its sole discretion, replace, pay to replace at fair market value, or pay to repair, up to the dollar amount specified, equipment that is damaged by an AC power, cable,

telephone, or lightning surge while connected to a properly installed SnapAV surge protector. SnapAV must determine that the surge protector shows signs of surge damage or is operating outside of design specifications, relative to its surge protection capability, and under all of the circumstances failed to protect your connected equipment. This policy is subject to the conditions below:

## **PROOF OF PURCHASE REQUIRED**

SnapAV's connected equipment policy extends to the original purchaser of the SnapAV product only and is non-transferable.

Original purchase receipts must accompany any product return or claim for connected equipment damage.

## **PROPER INSTALLATION REQUIRED**

SnapAV AC protectors must be directly plugged into a properly grounded 3-wire AC outlet. Extension cords, non-grounded two prong adapters, or other non-SnapAV surge products must not be used. Building wiring and other connections to protected equipment must conform to applicable codes (NEC or CEC). No other ground wires or ground connections may be used. All wires (e.g., AC power lines, telephone lines, signal/data lines, coaxial cable, etc.) leading into the protected equipment must first pass through a single SnapAV protector designed for the particular application. The protector and the equipment to be protected must be indoors in a dry location, and in the same building. SnapAV installation instructions and diagrams must be followed.

## **NOTIFICATION REQUIRED**

You must notify SnapAV within fourteen days of any event precipitating a request for product replacement or payment for connected equipment damage. A return authorization (RA) number must first be obtained from the SnapAV Customer Service Department at [www.snapav.com/support](http://www.snapav.com/support) before returning the protector to SnapAV. At this time, you must notify SnapAV if you believe you have a claim for damaged connected equipment.

Once you obtain an RA number, please mark the number on the bottom of the unit and pack it in a shipping carton/box with enough packing material to protect it during transit. The RA number must also be clearly marked on the outside of the carton. Ship the unit to SnapAV. Please note that you are responsible for any and all charges related to shipping the unit to SnapAV.

## WARNING



This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## LOGGING IN TO THE WEB INTERFACE

You need to enter the username and password to access the web interface. The default entries are below; be sure to change these to maintain proper security (and log them below).

	Default	Custom
<b>Username</b>	<i>wattbox</i>	
<b>Password</b>	<i>wattbox</i>	

Version 190625-1322