

AWSAM-CP

Installation and Setup

The Best in Property Damage Detection

CAUTION! STOP AND READ THIS!

IMPORTANT NOTICE TO USER: The installation of any water detection or automatic water shut off system does NOT guarantee water will be detected on all occasions or circumstances. Due to the variety of environments the system can be installed, how it is maintained and types of installation, Vital Command does NOT guarantee or warrant against water or property damage or appliance damage as a result of use of this system. By installing the Vital Command AWSAM System you agree and consent to all of Vital Command's User Agreements and Terms and Conditions for use of the system and agree that Vital Command is not liable for any type of damage to your person or property. If you do not agree, do not install the system and contact Vital Command.

**READ THIS ENTIRE MANUAL BEFORE
BEGINNING INSTALLATION!**

Always check <https://supportawsamcloud.com> for the most up to date manual and product info or scan with your mobile device here:



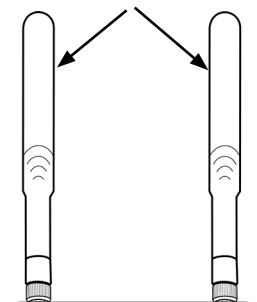
AWSAM System Main Features:

- Wirelessly monitor buildings for water, temperature, humidity and intrusion while controlling water shut off valves and detect possible conditions that may cause damage.
- Wirelessly control and manage the environmental, security and water sensors as well as the control valves that are paired with the AWSAM-CP via any mobile device or computer Online.
- Setup, manage and notify system users via text, email or phone alerts of alarms and system operation.
- Add and manage devices and sensors with the AWSAM System

- Perform range tests for device and control panel placement.
- Change system settings such as create unique usernames for devices and control panels, set environmental temperature alarm bands, set sensors linking to specific valves.
- Monitor system operations and perform automated maintenance on the valve controller.
- In the event of a power loss to the system, the AWSAM-CP will operate for a approximately 24 hours on backup battery based on usage. The VC100 Valve Controller will also operate on AC or internal batteries if the batteries have a charge.

AWSAM Control Panel

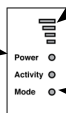
Cellular Antennas



Cell Signal Strength Bars

Power Light

- Green - AC Power and Battery Switch On
- Red - No AC or Battery Switch Off



Mode light

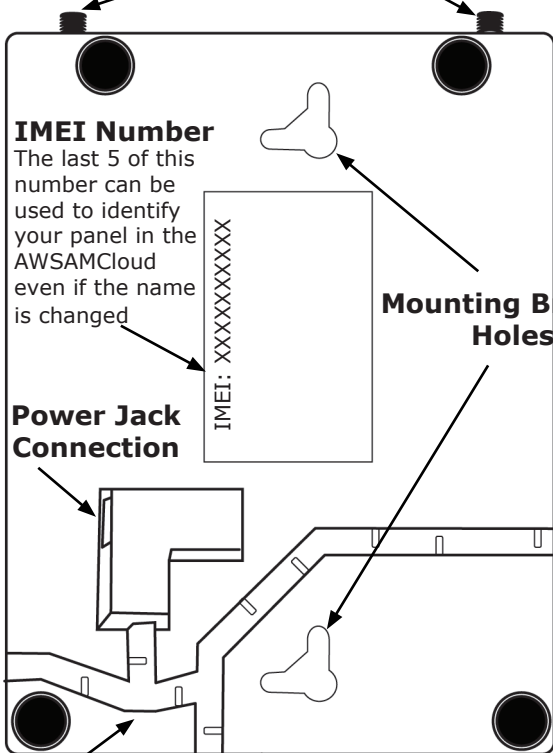
- Brief Blinking - Range Test Mode
- Long Blinking - Add Devices Mode

Sensor and Device Antenna



Back of Control Panel

**Cellular Antenna
Connections**



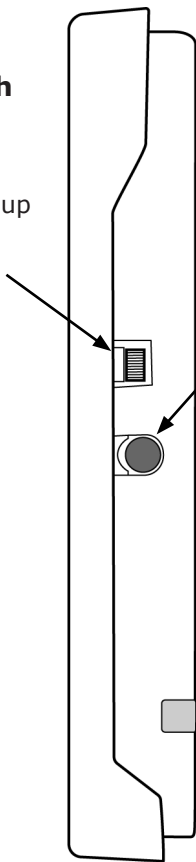
**Any Position Power
Cable Channel**

**Wireless Device
Antenna Connection**

Right Side of Control Panel

Battery Switch

- Slide Up - Back up battery is ON
- Slide Down - Back up battery is OFF



Add Devices and Range Test Button Operation:

- A simple button push turns on range test mode. Push once again to turn off.
- A 5 second button hold will turn on Add Device mode. This will time out to OFF after 20 minutes if no device button is pushed or push the button once to turn off.
- If Range or Add Device Mode is on, any button press turns the OFF the active mode.

Cellular Connection

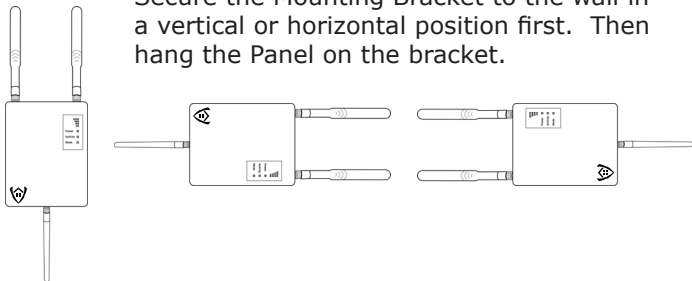
The AWSAM-CP will attempt to connect to the available cell network once powered on by battery or AC power or both. Once connected, the AWSAM-CP signal bars will light green based on the cell signal received. The smallest signal bar will light with a signal of -111 to -119 dBm or greater. As the cell signal improves additional bars will light green. Wait until you have at least **one** cell signal light green before operating the control panel. More than one is better.

Control Panel Placement

The control Panel may be placed in any location that provides AC power a Cell Signal connection and a range test has been completed to the farthest sensor from the control panel. If you are having issues connecting to all three, please troubleshoot on the AWSAMCloud.com website on the "Support" tab click "Troubleshooting".

Panel Mounting Positions

Secure the Mounting Bracket to the wall in a vertical or horizontal position first. Then hang the Panel on the bracket.

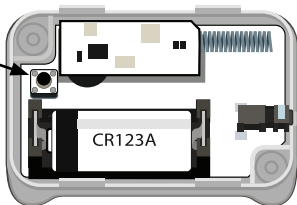


Range Test Mode

Press and release the button on the side of the panel to enter Range Test mode. Range Test Mode can also be switched ON or OFF in the AWSAMCloud specific Panel settings page. The Mode can be verified by the blinking “Mode Light” on the front of the Panel. In Range test the light will blink briefly. Using either a TWS, or HTWS, or VC100, with the sensor/device battery installed, press the pairing button on the device.

Sensor Range Test or Pairing Button

location. VC100 button is the red button on the bottom.

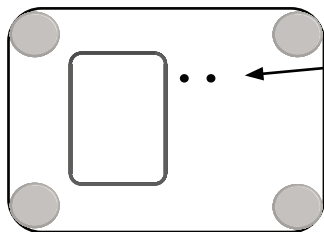


In Range Test Mode the sensor will beep and respond with an acknowledgment of multiple beeps. This means the sensor is usually responding to the Panel at that location at that moment. If there is a delay after the first beep to get the multiple beeps, the sensor is at the edge of the range and either the sensor or the panel should be moved to accommodate a better wireless connection. If after pushing the button on the sensor and there is no secondary beeps either the sensor is out of range of the panel or the Panel is out of Range Test Mode. You cannot Range Test with the AWS or Door sensors using this mode. You can range test with these sensors by causing an alarm and seeing if you get the alert from the panel. To turn off range test mode press and release the button once. If there are no button pushes in 20 minutes the Panel will time out and turn off Range Test Mode.

Add Device Mode

Press and hold the button on the side of the panel for 5 seconds. Note, the Mode light on the front of the panel will be blinking and mostly on. Press and release the sensor button inside the case. (See pic above) If the Panel is turned on and in range the TWS, HTWS and VC100 will all respond with multiple beeps. The AWS and Door Sensors will only beep once on the button press. **ADD VC100 DEVICES**

FIRST. Go to the Panel Overview Page on the AWSAMCloud website and match the Sensor ID on the bottom of the device to the Sensor type and ID on the Panel Overview section. If no ID shows up after a minute or two you may be out of Add Device Mode out of sensor range or out of cellular range. If correcting these does not solve the problem see "Troubleshooting" on the AWSAMCloud.com Support Tab.



Device ID will be here and will show on the Panel Overview Page on AWSAMCloud.com when paired with the Control Panel. You can change the name on the Device settings page.

Once added to the Control Panel on the AWSAMCloud you can go to the device settings page and change the name, alarm thresholds, or link it to specific valves. NOTE: All environmental will automatically link to VC100 valve controllers. You can unlink specific sensors or link specific sensors to specific VC100 valve controllers. For Example you would not want a AC sensor to shut off the water in the event of a drain backup.

FCC Compliance

Information for the U.S. Users:

FCC part 15:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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 a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment should be

installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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