

## **BS-Plus**

### Basemen Sentry Plus Manual Firmware Update Procedure

This procedure will guide you through manually updating the firmware for your BS-Plus Controller. If you have Z Control Cloud notifications turned on, you should receive a verification message after a successful update.

#### Tools Needed:

1. USB thumb drive; under 32GB and formatted as FAT32
2. Firmware update file from the Zoeller website

#### Procedure:

##### Formatting thumb drive and downloading update file from Website

1. If necessary, format the thumb drive as FAT32 using the following steps:
  - a. Insert the thumb drive into an open USB port on a Microsoft Windows computer.
  - b. In Windows Explorer, right click on the thumb drive's name and drive letter and select "Format" from the menu
  - c. Ensure that the "File System" in the dropdown box is selected as "FAT32"
  - d. For expediency, the "Quick Format" box should be checked

**WARNING:** the next step will erase any data on the thumb drive

  - e. Click "Start". The process will usually only take a couple of seconds.

##### Download file from website

1. Download the firmware file named "Firmware-BasementSentryPlus.bin" to your computer
2. Drag the downloaded file onto the USB thumb drive
3. Eject the thumb drive from the computer

##### Using prepared thumb drive to program Controller

1. Insert the thumb drive into the Basement Sentry Plus controller's USB port and leave it inserted.
  - a. The Z Control "Z" LED in the middle of the light ring will fast blink for 3 seconds, then light solid, then the AC Power LED will fast flash.
  - b. After about 20 seconds, the unit will chirp and the Z Control LED will slow blink.
2. Remove the thumb drive from the controller after it reaches the slow blink described above.
  - a. The unit will begin the programming process, during which the AC Power LED and Float Status LEDs will fast flash. The programming process will take about 2 minutes.
  - b. At the completion of the programming process, the device will reset. The LEDs will all flash white briefly, the unit will chirp and power up for operation.

##### Reconnecting to Zcontrol Cloud

The unit should reconnect to Wi-Fi automatically if the previously entered credentials are still valid. If the unit fails to reconnect to the Z Control Cloud, reset the unit's Wi-Fi credentials and reconnect the unit to your Wi-Fi router. See the Controller's instruction manual on how to reset Wi-Fi credentials.