Upgrading the BrailleSense Offline

# Backup Device

It is recommended that you create a backup of the files on the device before performing an upgrade in the rare case where the upgrade fails.

|  |  |  |
| --- | --- | --- |
| **Step** | **Action** | **Keystroke** |
| Open the Backup and Restore app | Hotkey: F3 + k | F3 + dots 1-3 |
| To select specific options, first navigate to the desired item  | Space + Dot 4 / Space + Dot 1 |  |
| Pres Space to select desired item | Space  |  |
| To select all options | Enter + A | Enter + Dot 1 |
| Once options selected, begin backup | Enter + B | Enter + Dots 1-2 |

## Save to Default Location

If you wish to save to the default backup location (Database folder) then begin your backup.

|  |  |
| --- | --- |
| **Step** | **Action** |
| Begin Backup | Enter |

## Change Backup Location

If you wish to save the backup to a different location, such as a USB or SD card, then you will need to change the file path.

|  |  |
| --- | --- |
| **Step** | **Action** |
| Cycle to "Change Path" | Space |
| Press Enter | Enter |
| If desired, move to parent folder | Backspace |
| If desired, move into sub folder | Enter (on folder) |
| To select location, place the folder or drive in focus, then press Space to select | Space |
| Begin Backup | Enter |

# Updating the BrailleSense Firmware Offline

## From a computer

1. Download the upgrade file from the HIMS website to a computer.
	1. Note: the file is a .bin file, however, some versions of Windows may rename it as a .zip file. Do not extract this file. Simply rename the extension back to .bin.
2. Copy the file to the root of an external storage device such as an SD card or USB thumb drive. This means the .bin file should not be in any folders.

## From the BrailleSense

Before you begin, you will want to close all applications.

|  |  |  |
| --- | --- | --- |
| **Step** | **Action** | **Keystroke** |
| Navigate to the main menu | F1 |  |
| Close all apps | Space + Enter + d | Space - Enter - Dots 1-45 |

Once all applications are closed, complete the firmware installation.

|  |  |  |
| --- | --- | --- |
| **Step** | **Action** | **Keystroke** |
| Connect the BrailleSense to Power |   |  |
| Insert the SD Card or USB Drive |  |  |
| Open the Utilities Menu | Hotkey: U | Dots 1-3-6 |
| Open the Upgrade Menu | Hotkey: U | Dots 1-3-6 |
| Cycle the Upgrade choice to "Offline" | Space |  |
| Begin upgrade | Enter |  |

The BrailleSense starts the upgrade process. Please remember you must not touch the BrailleSense until the upgrade is complete. When the upgrade is complete, you will be presented with the release notes for the firmware.