

S1 Pro Software Update Procedure

- Download the S1 Pro. Zip and HID_CMD.exe file
- Connect USB cable and power cord to unit
- Turn unit on and verify blue LED turns **ON**
- Double click the HID_CMD.exe file
- Enter the USB Vendor ID and USB Prod ID numbers below (not case sensitive), click **Open HID**
- **Important Note***
- Class A use 009E USB Vendor ID and A211 USB Product ID
- Class B use 5A7 USB Vendor ID and 40fe USB Product ID

	USB Vendor ID	USB Product ID	
	<input type="text" value="009E"/>	<input type="text" value="A211"/>	<input type="button" value="Open HID"/>
CA9:	0cd4	1000	
CA10:	0cd4	3000	
SP1:	0cd4	5000	

- Verify that you get the return "**HID OK**"

The screenshot shows the 'HID Demo' application window. The title bar reads 'HID Demo'. On the left, a terminal window displays the text '<HID OK !!!!!!!!!!!!!!!!!!!!!!!!!!!!!>'. On the right, there is a control panel with two input fields for 'USB Vendor ID' (containing '009E') and 'USB Product ID' (containing 'A211'), and an 'Open HID' button. Below these fields is a table of USB IDs:

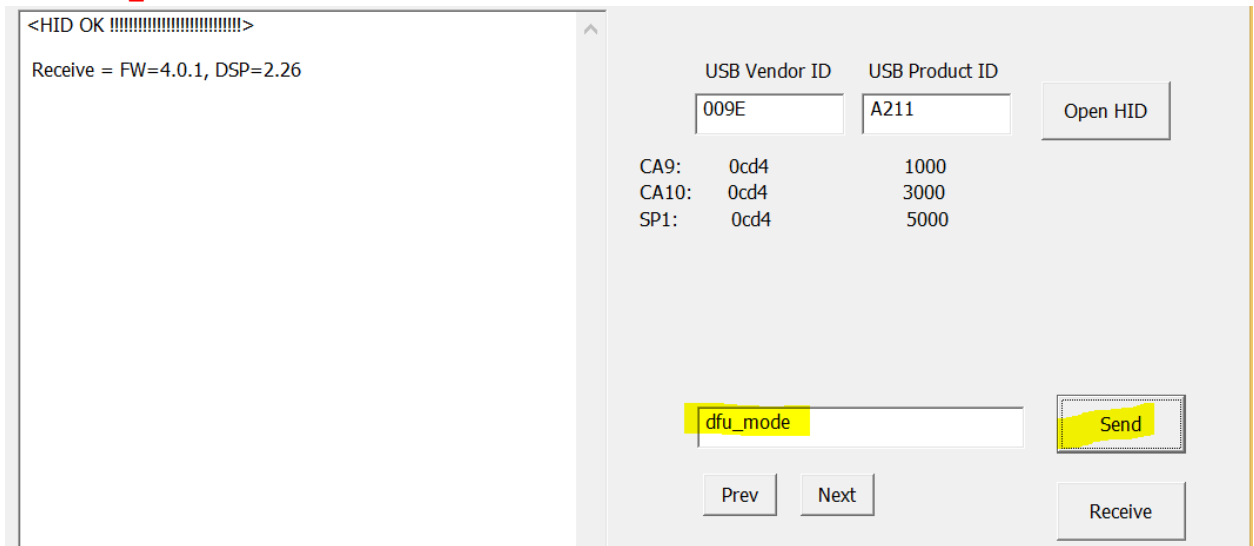
CA9:	0cd4	1000
CA10:	0cd4	3000
SP1:	0cd4	5000

- Enter "**get_version**" then click **Send** then **Receive**

The screenshot shows the 'HID Demo' application window. The terminal area on the left displays the text 'Receive = FW=4.0.1, DSP=2.26'. The control panel on the right has the 'USB Vendor ID' field set to '009E' and the 'USB Product ID' field set to 'A211'. The 'Open HID' button is visible. Below the input fields, there is a text input field containing 'get_version', a 'Send' button, and 'Prev' and 'Next' buttons. At the bottom right, there is a 'Receive' button.

- Verify current software version

- Enter "dfu_mode" then click **Send**



- Verify Blue LED turns **OFF**

- Double click Chibi folder

Chibi	10/19/2017 2:22 PM	File folder
HID_CMD.exe	9/13/2017 5:43 PM	Application

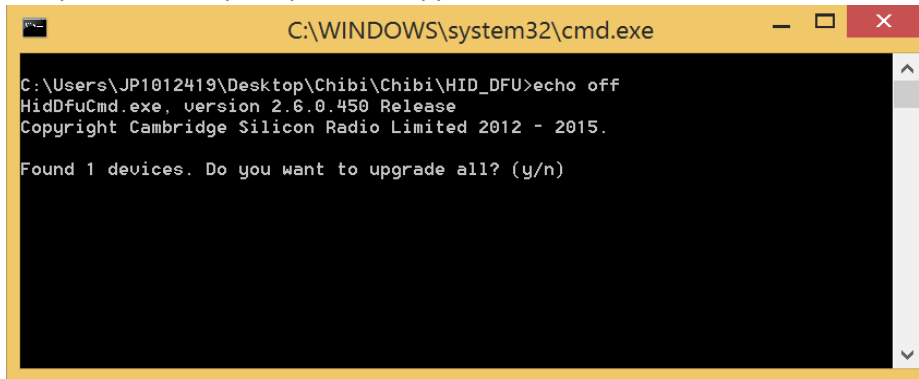
- Double click HID_DFU

HID_DFU	10/19/2017 2:22 PM	File
HID_CMD.exe	9/13/2017 5:43 PM	Appl

- Double click DFU_Update.bat

DFU_Update.bat	10/19/2017 2:17 PM	Wir
firmware.dfu	10/19/2017 2:17 PM	DFU
HidDfu.dll	10/19/2017 2:17 PM	Appl
HidDfuCmd.exe	10/19/2017 2:17 PM	Appl
set_evn.bat	10/19/2017 2:17 PM	Wir

- Verify a command prompt screen appears

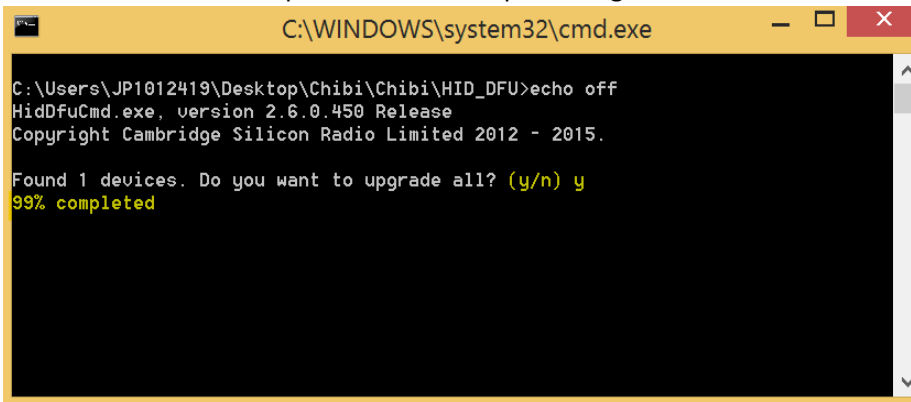


```
C:\WINDOWS\system32\cmd.exe
C:\Users\JP1012419\Desktop\Chibi\Chibi\HID_DFU>echo off
HidDfuCmd.exe, version 2.6.0.450 Release
Copyright Cambridge Silicon Radio Limited 2012 - 2015.

Found 1 devices. Do you want to upgrade all? (y/n)
```

- Enter "Y", then click enter

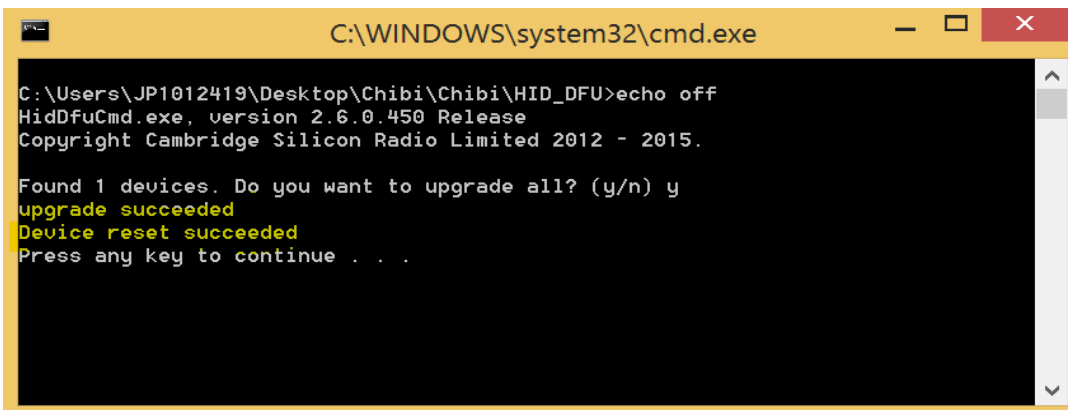
Note: You will see the update start with a percentage level



```
C:\WINDOWS\system32\cmd.exe
C:\Users\JP1012419\Desktop\Chibi\Chibi\HID_DFU>echo off
HidDfuCmd.exe, version 2.6.0.450 Release
Copyright Cambridge Silicon Radio Limited 2012 - 2015.

Found 1 devices. Do you want to upgrade all? (y/n) y
99% completed
```

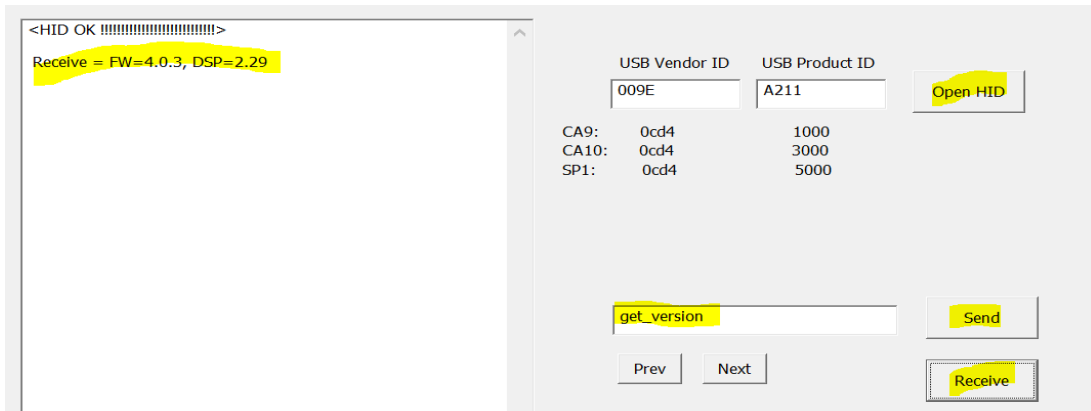
- Once update is completed, blue LED will turn back ON and you will get a message "update succeeded"



```
C:\WINDOWS\system32\cmd.exe
C:\Users\JP1012419\Desktop\Chibi\Chibi\HID_DFU>echo off
HidDfuCmd.exe, version 2.6.0.450 Release
Copyright Cambridge Silicon Radio Limited 2012 - 2015.

Found 1 devices. Do you want to upgrade all? (y/n) y
upgrade succeeded
Device reset succeeded
Press any key to continue . . .
```

- Go back to HID screen below, click **Open HID**
- Enter "**get_version**" then hit **Send** and **Receive**



- Verify the new software version