

Firmware Upgrade Using Terminal (preferred Method)

1. Copy ***Epsilon-8100.gz*** to a local folder in PC.
2. Open TeraTerm and connect to the device using (115200, 8, N, 1).
3. Reset the device by power cycle or pressing the reset push-button.
4. Within three seconds press Ctrl-C. This will bring up the RedBoot command prompt.
5. Type the following command

```
load -r -b 0x80040000 -m xmodem
```
6. From TeraTerm, choose File > Transfer > XMODEM > Send..., and locate (***Epsilon-8100.gz***) file and click Open.
7. Wait for the transfer to complete. Make sure that Teraterm XMODEM 'send popup window' shows 100%. If not, repeat steps 4 and retry.
8. Create the managed and managed.bk file entries.

```
fis create -r 0x80040000 -e 0x800400bc -l 0x600000 -f 0x407c0000 managed.bk
```

This will show following message.

An image named 'managed.bk' exists - continue (y/n)?
9. Enter y when prompted to continue.
10. Reset the device with the following command.

```
Reset
```

Firmware Upgrade Using Webpage

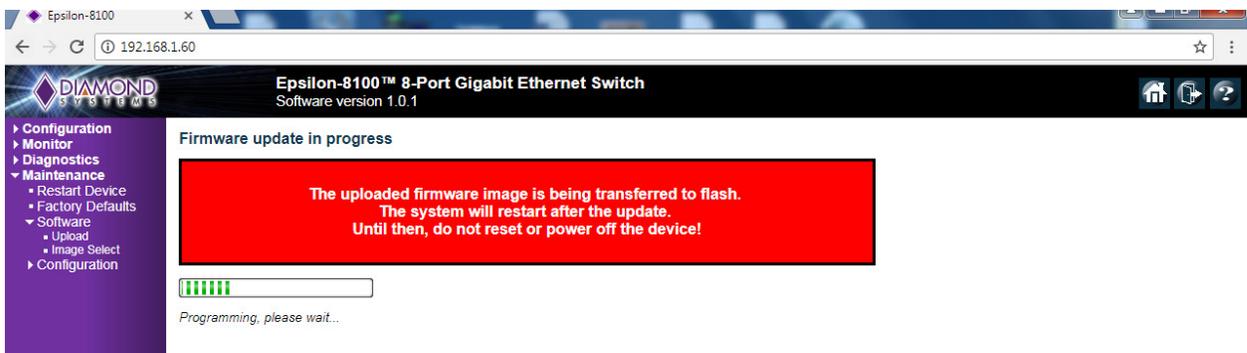
Following procedure shall be followed to upgrade the firmware from 1.0.1 to 2.0.0 using EPS8100 web page.

1. Open EPS- 8100 Webpage by entering IP address
<http://192.168.1.60>
2. Navigate to *Maintenance -> Software -> Upload* (Ref Fig – 1)



Fig -1 Firmware Upgrade via webpage

3. Browse for the new binary image file [Epsilon-8100.dat](#) and click on Upload.



4. Wait for the transfer to complete. This will erase the old image and upload the new image and reboots the system.

Epsilon-8100 192.168.1.60

DIAMOND SYSTEMS Epsilon-8100™ 8-Port Gigabit Ethernet Switch
Software version 2.0.0

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Port State Overview

Auto-refresh Refresh



RJ45 ports			
State	Disabled	Down	Link

Note:

Since the web browser stores some cache information, after updating firmware from 1.0.1 to 2.0.0, the top banner may show old information ie, 1.0.1. clearing the cache or restarting the web browser will list the updated information.