



## **CyberQ Firmware Update Instructions**

Firmware updates are accomplished using TFTP (trivial file transfer protocol). Firmware updates are supplied in the form of two files tcimage.bin (web pages) and tcboot.bin (firmware). Before performing firmware updates, please make note of your wifi, email and any other critical settings.

Both of these files are supplied by The BBQ Guru and must reside in the same folder as the command prompt location.

### **PC Users Firmware Update in Adhoc Mode (Recommended)**

Here are the Firmware update steps:

1. Reset the CyberQ Wifi to Factory defaults by holding down all four arrow keys until the display shows "RESETTING EEPROM".
2. Connect to the control via adhoc mode from your PC.
3. If using Windows 7 or Vista you have to enable TFTP: open Control Panel > Programs and Features > click Turn Windows features on or off in left side > enable Client Telnet and Client TFTP then click in OK.
4. Go to a command prompt to invoke the TFTP commands: To get to a command prompt on a Windows XP computer go to Start > Programs > Accessories > Command Prompt. On Windows Vista or 7 go to the start menu and search on command prompt.
5. \*Upload the controller web pages to the CyberQ Wifi: >tftp -i 192.168.101.10 put tcimage.bin (your ip address may differ)
6. \*Upload the controller firmware to the CyberQ Wifi: >tftp -i 192.168.101.10 put tcboot.bin (your ip address may differ)
7. The controller will reset after the firmware update. You may have to reconnect to the adhoc network.
8. If you do not receive a time out message, you have successfully updated the controller.

### **PC Users Firmware Update in Infrastructure Mode (Advanced)**

Here are the Firmware update steps:

1. Connect to the control from your PC.
2. If using Windows 7 or Vista you have to enable TFTP: open Control Panel > Programs and Features > click Turn Windows features on or off in left side > enable Client Telnet and Client TFTP then click in OK.
3. Go to a command prompt to invoke the TFTP commands: To get to a command prompt on a Windows XP computer go to Start > Programs > Accessories > Command Prompt. On Windows Vista or 7 go to the start menu and search on command prompt.

4. \*Upload the controller web pages to the CyberQ Wifi: >tftp -i 192.168.101.10 put tcimage.bin. (your ip address may differ)
5. \*Upload the controller firmware to the CyberQ Wifi: >tftp -i 192.168.101.10 put tcboot.bin (your ip address may differ)
6. The controller will reset its settings after the firmware update, you may have to re-enter your network information again to reconnect to the network.
7. If you do not receive a time out message, you have successfully updated the controller.

### **MAC OS X Users**

Mac OSX also has a command line TFTP Client. To update the firmware follow the same steps as for PC users, but skip steps 3 and 4 (ad hoc mode instructions). You will use the OSX terminal application to get to the command prompt.

```
> tftp 192.168.101.10 (or your CyberQ ip address)
tftp> binary
tftp> timeout 60
tftp> put tcimage.bin
tftp> put tcboot.bin
tftp> quit
```

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