



QUANTUM[®]
ACCESS UNLIMITED

Rescue Firmware Upgrade

Model: QN-I-220



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Contents

Prerequisites	4
Download Links	4
Download link for TFTP Utility	4
Rescue Firmware Upgrade Procedure	5
Setting Up Device as TFTP Server	5
Firmware Upgrade to stable version	8



Prerequisites

Minimum requirements to upload Rescue Firmware in Access Point:

1. Rescue Firmware file (.bin) which needs to be upgrade.
2. Access Point in which firmware needs to be upgraded along with PoE unit.
3. Desktop or Laptop (herein after, referred both as Computer) (Considering Windows® OS)
4. TFTP server utility installed on Computer.
5. RJ45 Patch Cords * 2 Nos. (Straight Type).

Download Links

To important files:

Download Rescue and Latest Stable Firmware from below link,

<https://www.qntmnet.com>

Note: From above link, open website and download Rescue firmware from Download option. Unzip the folder. To unzip i220_rescue.zip required password is qntm@123

Download link for TFTP Utility

http://tftpd32.jounin.net/tftpd32_download.html

Note: Download the latest version.



Rescue Firmware Upgrade Procedure

Follow below pre upgrade steps first:

- Download **ftpd32** Utility for windows. It's free and can easily be downloading from internet using above link. (**Note:** The firmware file named with **i220_rescue.zip** is only a valid Rescue Upgrade file. If you have a firmware file with a different name, please contact our support team per contacts page.)
- Disable all other network interfaces of your Computer except Ethernet (RJ45) and set IP **192.168.0.141** & Subnet **255.255.255.0** on Ethernet (RJ45) interface.
- Disable Windows® Firewall or provide exception in firewall rules to bypass port number 69 (TCP&UDP). It is mandatory to perform firewall configuration before firmware up gradation through TFTP.

Setting Up Device as TFTP Server

- Run **ftpd32** utility and do set up as displays in below screen.
 - Click browse and select the folder **i220_rescue** from unzip folder.
 - Select Server Interface to Ethernet where **192.168.0.141** is defined

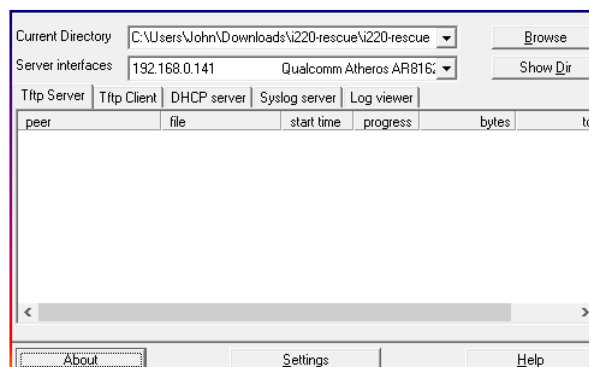


Figure 1

- Click on **settings** and under Global, select TFTP Server only. Uncheck all others.



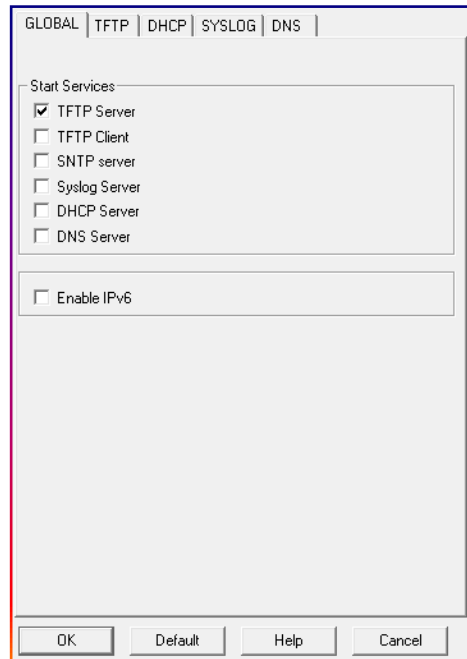


Figure 2

- Click **TFTP** and validate **i220_rescue** directory and other parameters as below. Click **OK**.

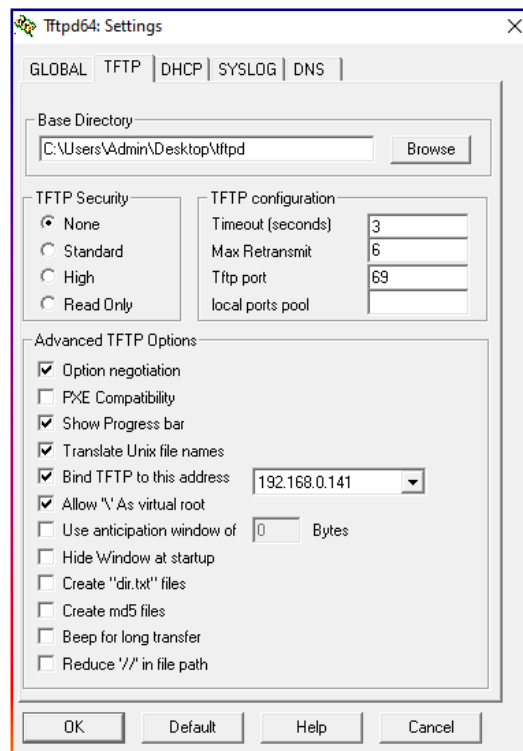


Figure 3



- Power on the Access Point. While power on the Access point, press the reset button and hold it for 6 seconds. After that period release the reset button.
- Wait for 2 minutes.
- Firmware up gradation starts than, it will show logs and up gradation process as displays in below:

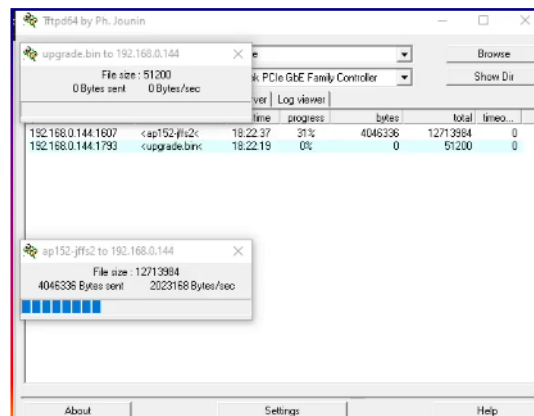


Figure 4

- Once done, now Access point has Rescue Firmware uploaded. Access Point would reboot and would boot normally with Rescue Firmware.



Firmware Upgrade to stable version

- Change Computer Ethernet (RJ45) port setting from Static to DHCP. Open a browser in Computer and browse for Access Point's default IP **169.254.1.1**. You should be able to see below screen:

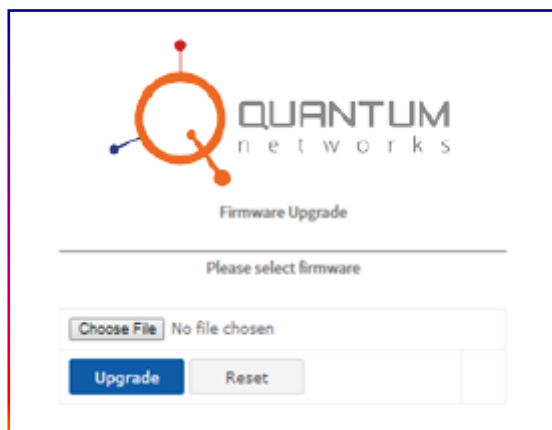


Figure 5

- Click Choose file and select the latest firmware (.qntm) downloaded earlier at Desktop/Firmware folder.

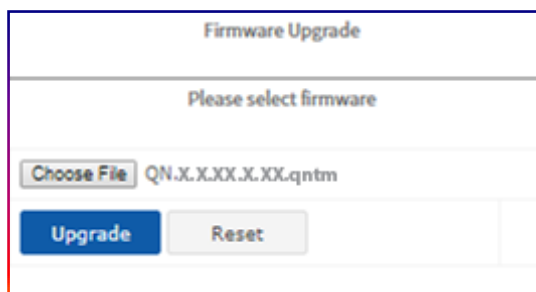


Figure 6



- Click Upgrade to start up gradation to latest stable version. Wait till up gradation completes:

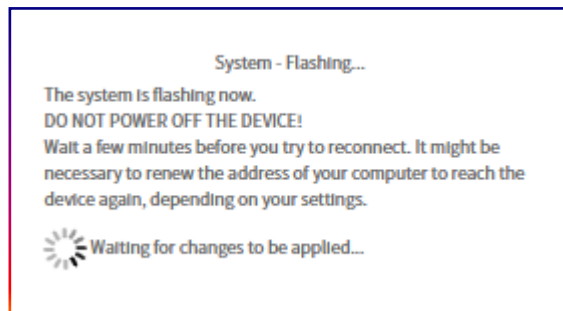


Figure 7

- Once firmware up gradation is completed, Access point would reboot with stable version recently uploaded. Open browser, to access **169.254.1.1** to start configuration.



Figure 8

Still, if you face any issue, contact our support team: support@qntmnet.com

