

## Upgrading steps

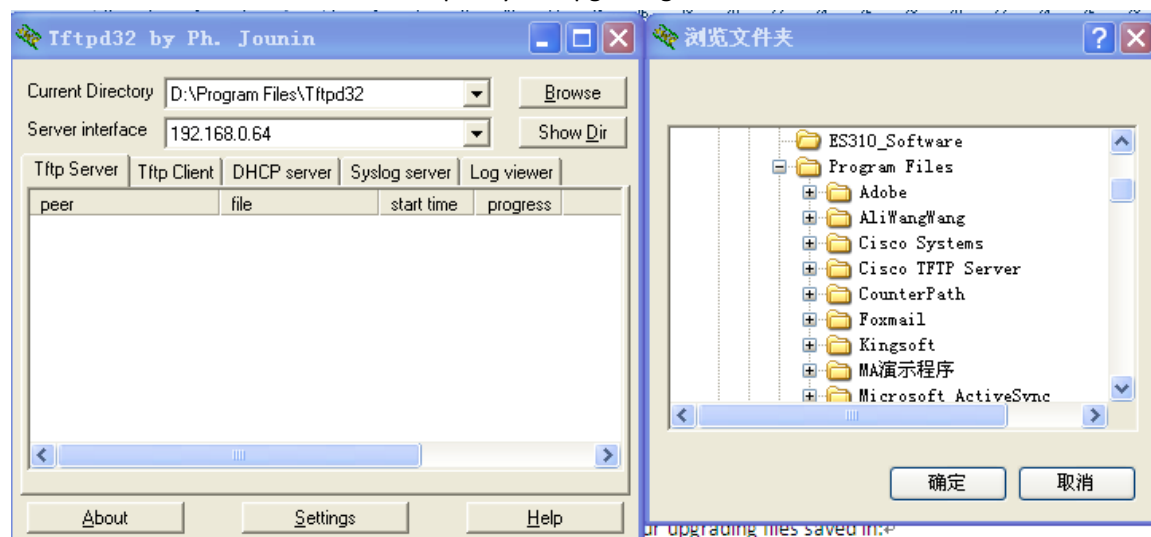
**STEP1** Connect your PC to the PC port of the phone, and don't connect your phone to the LAN.

Add IP address to your computer: 192.168.0.100 255.255.255.0

**STEP2** Download TFTP software (<http://tftpd32.jounin.net/>). Run TFTP service on your PC, and make sure the connection between your PC and IP Phone (It is better they are in the same network segment).



**STEP3** Click "Browse" to select the path your upgrading files saved in:



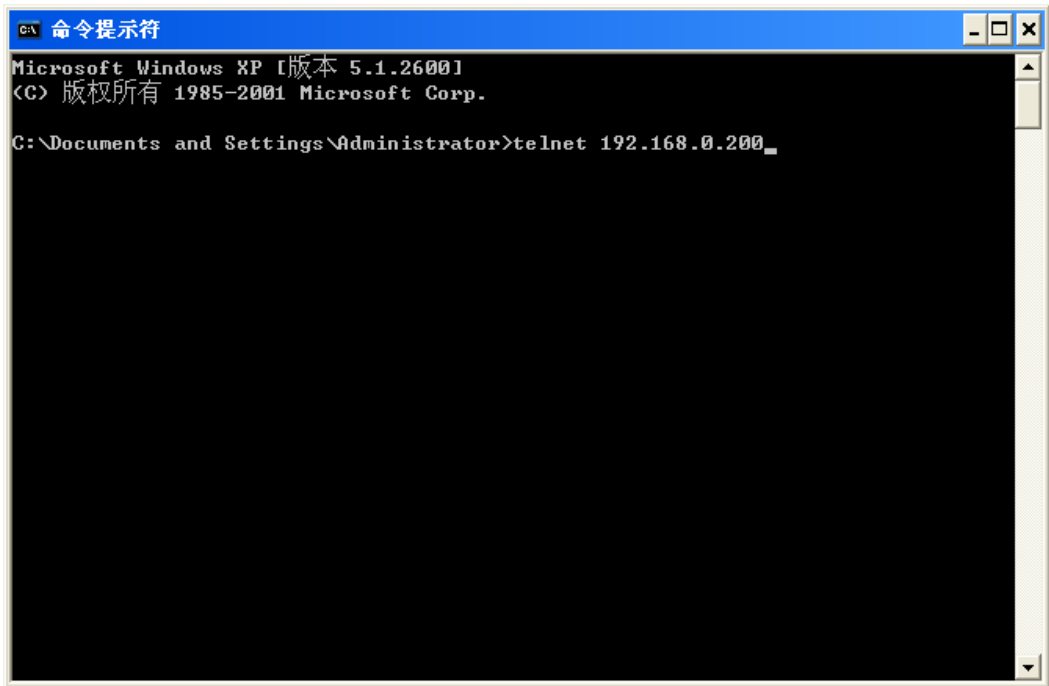
**STEP4** Open windows command prompt:

(1) open Windows Run

(2) input "cmd"

**STEP5** Telnet to ip phone (Using the IP "192.168.0.200")

Login & passwd :root

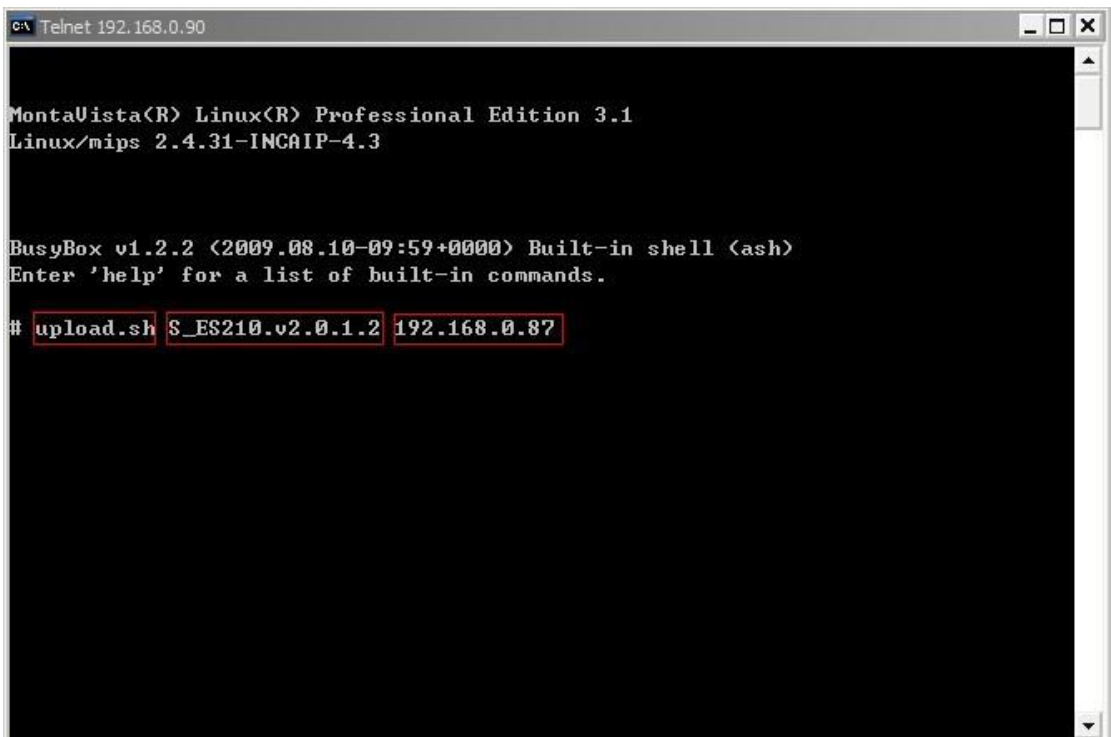


```
C:\Documents and Settings\Administrator>telnet 192.168.0.200
```

192.168.0.200 (the IP address of your phone, you must input your phone's address )

**STEP6** Upgrade software

For example upload ES210 IP Phone.



```
Telnet 192.168.0.90

MontaVista(R) Linux(R) Professional Edition 3.1
Linux/mips 2.4.31-INCAIP-4.3

BusyBox v1.2.2 (2009.08.10-09:59+0000) Built-in shell (ash)
Enter 'help' for a list of built-in commands.

# upload.sh S_ES210.v2.0.1.2 192.168.0.87
```

Explain:

*upload.sh: upgrade command*

*S\_ES210.v2.0.1.2: software Name*

*192.168.0.87: TFTP Server IP address (The PC running TFTP software)*

**STEP7** Wait for some minutes:

```
C:\WINDOWS\system32\cmd.exe

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Enter 'help' for a list of built-in commands.

# upload.sh $_ES210.v2.0.1.2 192.168.0.87
start get upload file:$_ES210.v2.0.1.2 from:192.168.0.87 ... ..
get file:$_ES210.v2.0.1.2 from:192.168.0.87 finished
upgrade_firmware choice 1 dev /dev/mtd/4.
Start to erase /dev/mtd/4
Start to write 2075964 bytes of file: $_ES210.v2.0.1.2 into /dev/mtd/4
verify if we have written the right data
Upgrade /dev/mtd/4 file $_ES210.v2.0.1.2 successfully

失去了跟主机的连接。

C:\Documents and Settings\Administrator>
```

**STEP8** The phone will auto restart when it upgrade successfully.

**PS:** While according to the above operation, If the phone cannot boot success .You should delete the XML files inside the phone:

Telnet to the phone according to the STEP5, Input command "rm -rf /mnt/sip/\*.xml".

```
localhost login: root
Password:
#
# rm -rf /mnt/sip/*.xml
# reboot
#
```

Then reboot the phone.