Upgrade firmware version through the post (1)

Version: V1.1

Release Date: 3rd,Nov,2021

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1. Introduction

1.1. Overview

When Post Mode is displayed after the phone is turned on or the phone needs to be brushed, it can be realized through the Fanvil Post upgrade function.

1.2. Applicable model

Applicable model: X1 , X2, X3SP , X3G, X4, X4G, H3, H5

Applicable version: applicable to all versions of the model

1.3. Prerequisite preparation

1.Post upgrade server: FTP server is needed here

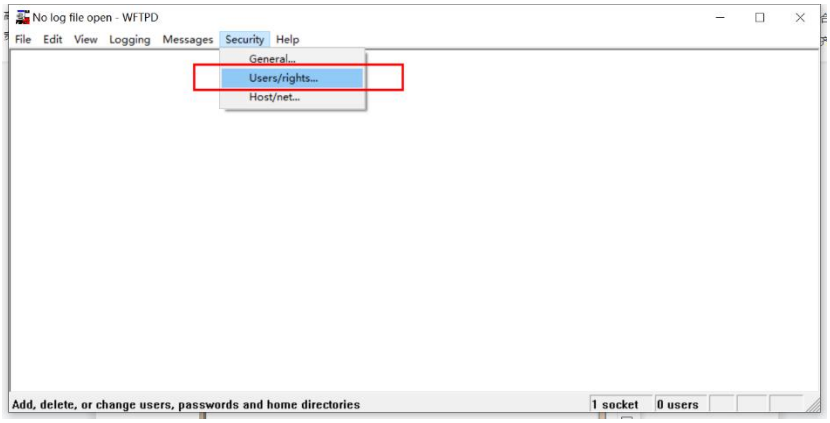
2. Firmware upgrade package for brushing

3. Telnet tools, such as the computer's own telnet function, Putty or SecureCRT

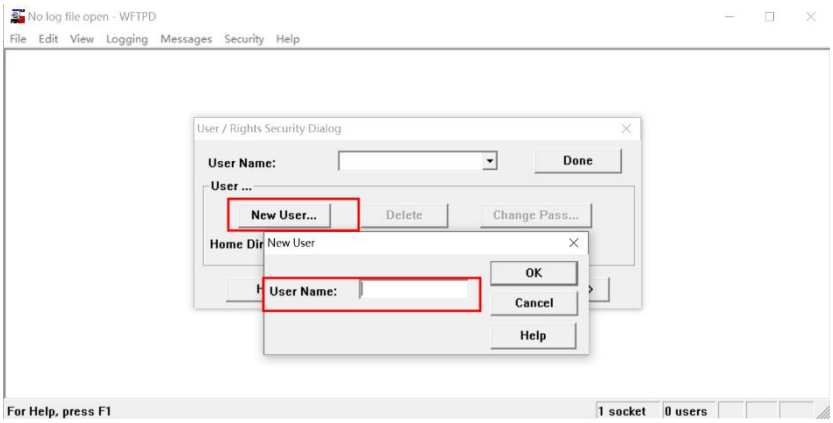
2.Solution

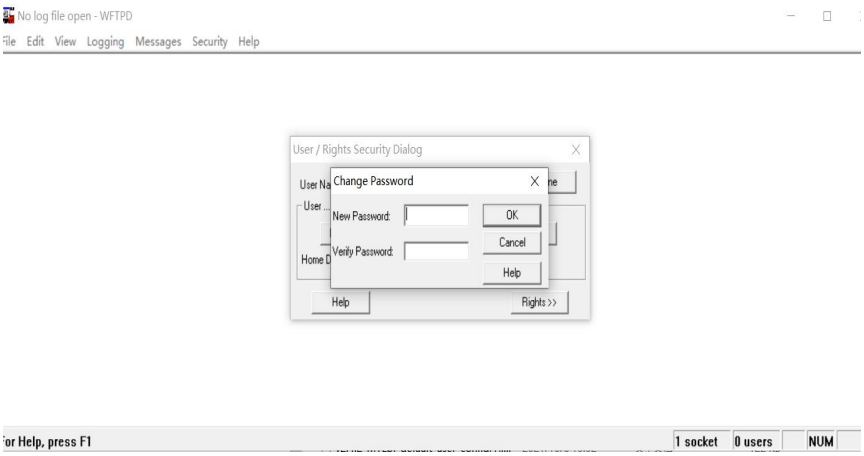
1.1. FTP server configuration

1、Run wftpd32 on your PC and select Security - > User / rights… from the menu bar



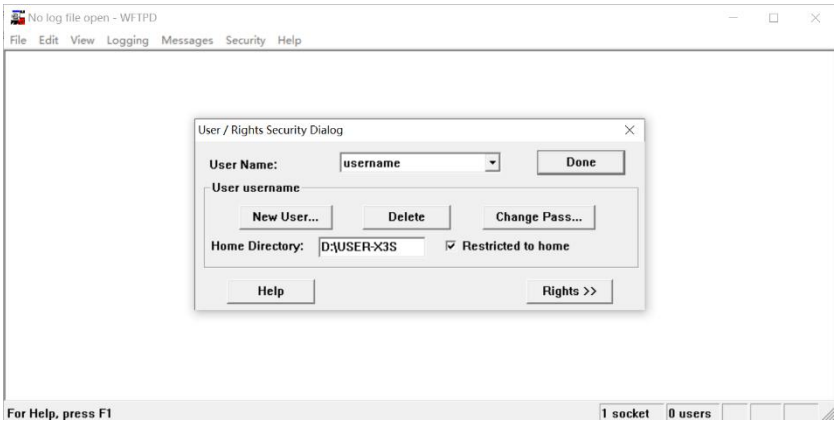
2、Create a new user name and password to access the FTP server:



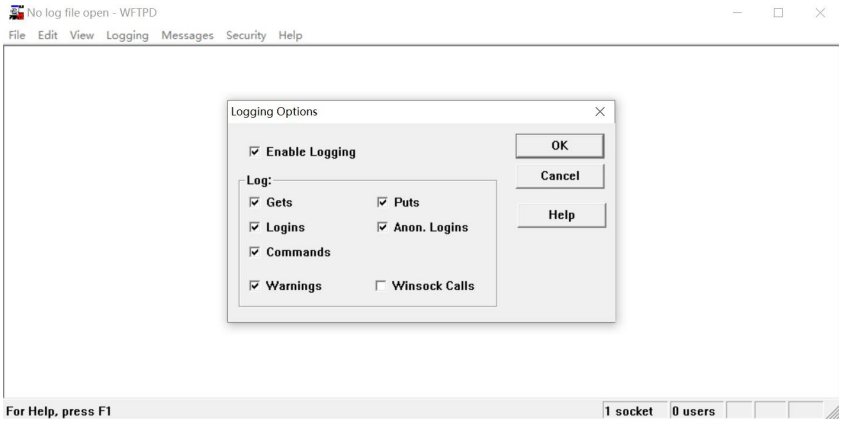


3、Document saving:

Enter the path where the upgrade package is stored in the home directory, click and select "Restricted to home", and then click "Done" after setting, as shown in the figure:



4、 Enable the log option to view the upgrade status



[Note] Do not close the FTP server when upgrading the firmware through post

1.2. PC/Laptop configuration

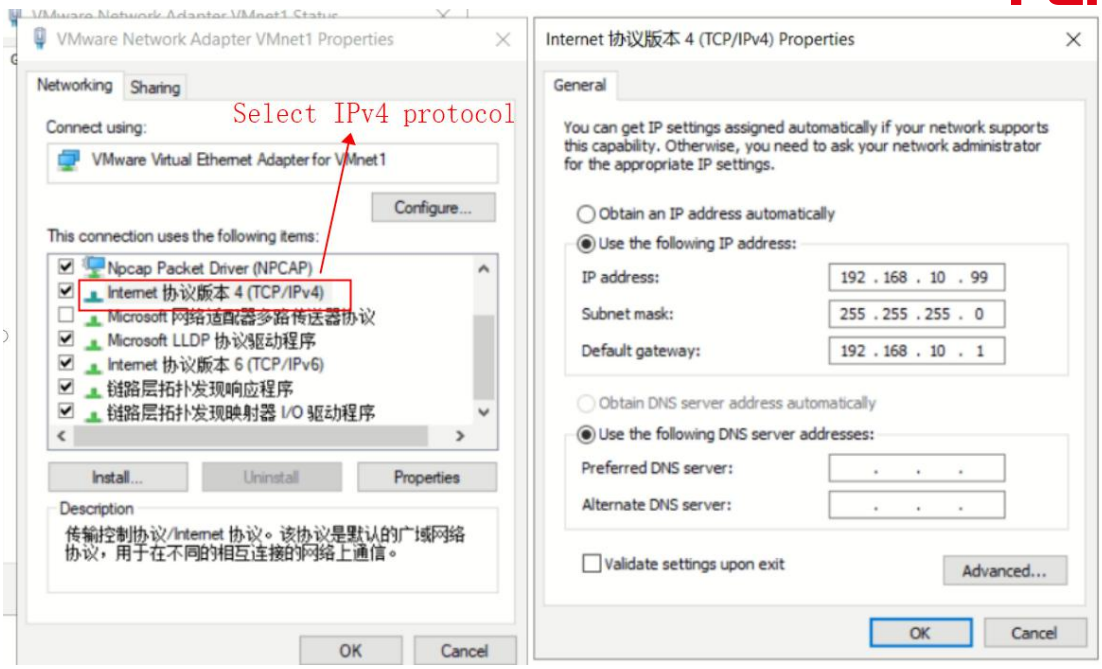
1、PC/Laptop configuration

Configuration information: IP address (I): 192.168.10.99

Subnet mask (U): 255.255.255.0

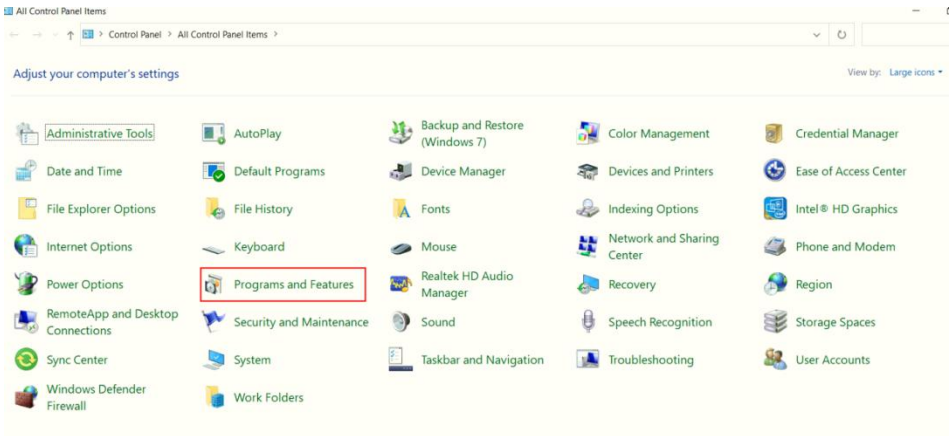
Default gateway(D): 192.168.10.1

Take [windows 10 system] as an example



2.Open telnet service on PC/Laptop

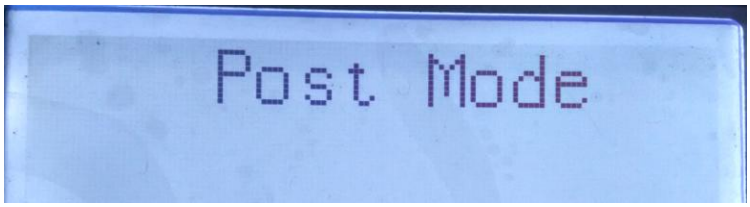
First, open the control panel, click "programs and functions" - "enable or disable windows functions", and check "telnet client"



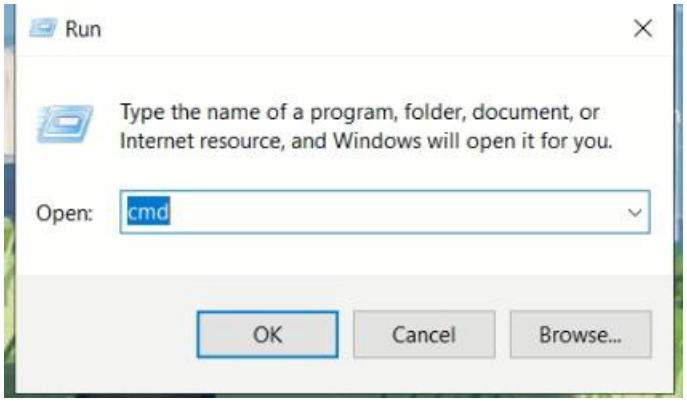
1.3. Upgrade the firmware version in Post Mode

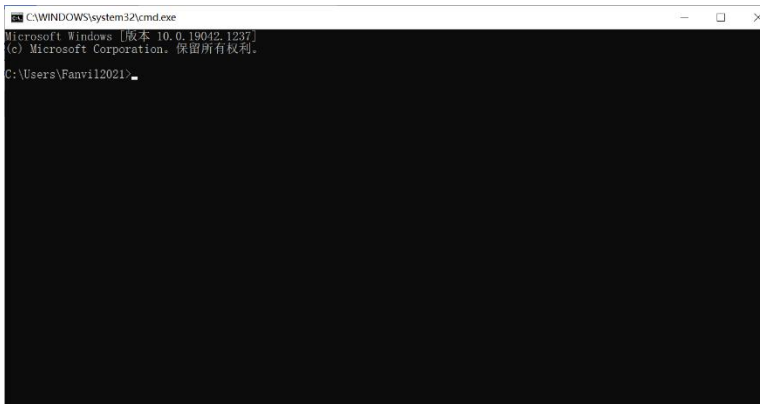
1、Put the phone into Post Mode

Connect the network port of the PC with the Internet interface of the phone with a network cable, then restart the phone, and long press the "#" key to make the phone enter Post Mode. In Post Mode, the default IP address of the phone is 192.168.10.1

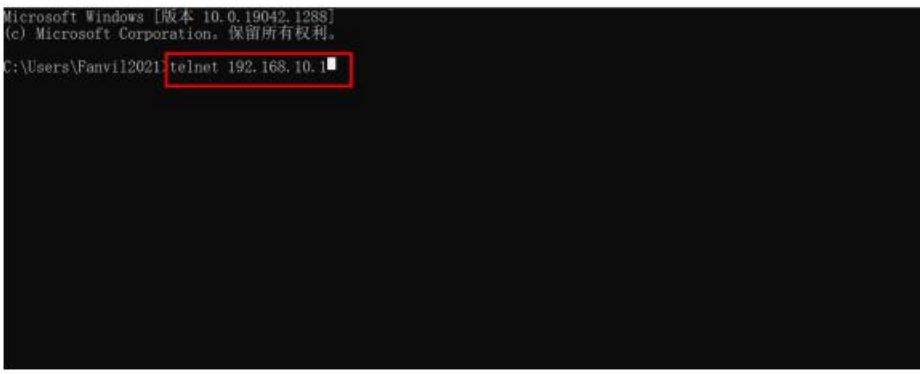


2、Press Win + R on the computer at the same time to open the cmd interface





Enter the upgrade instruction to upgrade



```
Telnet 192.168.10.1
        1  ----  Show Mac Address
        2  ----  FTP Update Image
        3  ----  Clear Configuration
        a  ----  Format file system
        4  ----  Exit and Reboot
2
        Input server address:
        192.168.10.99
        Input image name:
        x3s2.14.0.7386T20210825121001.z
        Input user name:
        username
        Input password:
        userpasswd
Update start...
The correct length is 3743243
mmisetNumber 2
Update mmi pkg 0, size 0xb61e4
...........Update mmi pkg 1, size 0x9f088
.........img address is 0xbf060000
100
I backup system,please wait...
...................................
Upgrade Finish
Update success!
        1  ----  Show Mac Address
        2  ----  FTP Update Image
        3  ----  Clear Configuration
        a  ----  Format file system
        4  ----  Exit and Reboot
```

Download relevant information will also be displayed in the FTP server window:

```
No log file open - WFTPD
File  Edit  View  Logging  Messages  Security  Help
[L 0028] 09/27/21 15:52:23 Connection accepted from 192.168.10.1
[C 0028] 09/27/21 15:52:23 Command "USER username" received
[C 0028] 09/27/21 15:52:23 PASSword accepted
[L 0028] 09/27/21 15:52:23 User username logged in.
[C 0028] 09/27/21 15:52:23 Command "TYPE I" received
[C 0028] 09/27/21 15:52:23 TYPE set to I N
[C 0028] 09/27/21 15:52:23 Command "PASV" received
[C 0028] 09/27/21 15:52:23 Entering Passive Mode (192,168,10,99,193,165)
[C 0028] 09/27/21 15:52:23 Command "RETR x3s2.14.0.7386T20210825121001.z" received
[C 0028] 09/27/21 15:52:23 RETRieve started on file x3s2.14.0.7386T20210825121001.z
[C 0028] 09/27/21 15:52:56 Transfer finished
[G 0028] 09/27/21 15:52:56 Got file D:\USER-X3S\x3s2.14.0.7386T20210825121001.z successfully
[C 0028] 09/27/21 15:53:20 QUIT or close - user username logged out
For Help, press F1                                   1 socket   0 users
```

Execute instruction 4 to restart the phone and the upgrade is completed