

# Recovery mode update for Yealink IP Phones

**Summary:** You may need to follow a recovery mode update when the phone cannot well boot up. Briefly, the procedure is to prepare a TFTP server, put the wanted firmware to the TFTP server and rename the firmware to the right form, and then enable the phone to update the firmware via the TFTP server.

## Operation Procedure:

1. To start a TFTP server. (For example, the server address is 192.168.0.3)
2. To prepare a firmware for update (T38 should prepare a firmware and a .bin document ) . Put it to the TFTP server's root directory.
3. Rename the firmware, following the rule:

t38.bin and t38 for T38

t28.bin for T28

t26.bin for T26

t22.bin for T22

t20.bin for T20

t12.bin for T12

Only the above 6 Yealink models support this kind of recovery mode update.

4. To long press the Speaker button as soon as you power on the phone.
5. A prompt will display on the LCD, requesting for IP Address, Netmask, IP Gateway and TFTP server. By pressing up/down/left/right navigation keys,

you could switch among the fields. As below (the value below are just for reference. Depending on your network environment, you should specify right value for each of them) :

1. IP Address: 192.168.0.222
2. Netmask: 255.255.255.0
3. IP Gateway: 192.168.0.1
4. TFTP Server: 192.168.0.3

6. After filling the right value, press OK button to go on or press cancel button to quit recovery mode. By pressing the OK button, the phone will go to download the firmware and update, during when it will show on the LCD:  
(just an example, it may differ on different models)

...Updating...

Please wait...

7. If it fails, it will show:

...Update fail...

Please reboot

Normally, it is because that the TFTP server cannot be reached or there's no right firmware for update. Please check the connection and settings.

Note:

1. Comparing to a HTTP or FTP method, the TFTP behaves much slower, so it may take long time (maybe more than 10 minutes) for the entire updating.
2. Not all Yealink models support recovery mode update. (It is ensured to be ok on those units shipped after August 2009)
3. It needs the firmware support. (The version needs to be higher than x.41.x.x except T38 .)