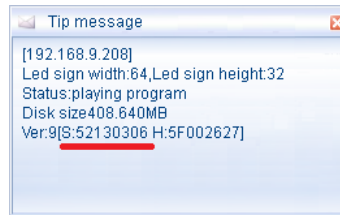


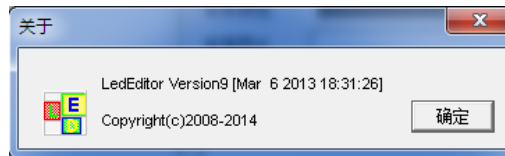


Instructions of synchronizing display content to customized text file

LED Controller firmware version requirements: S:52130306



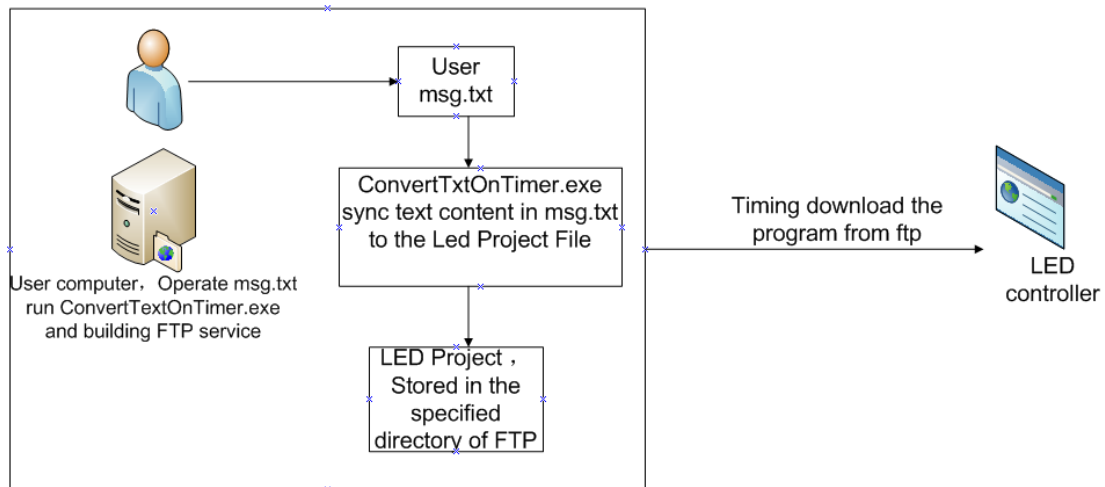
LedEditor software version requirements: Mar 6 2013



1. Principle:

- 1.1 Build FTP server;
- 1.2 Synchronize project' s material files under FTP directory to text file, while content of material file will update with that of text file.
- 1.3 Controller gets project content in FTP so as to make the display content always consistent with text file content.

Diagram in below:

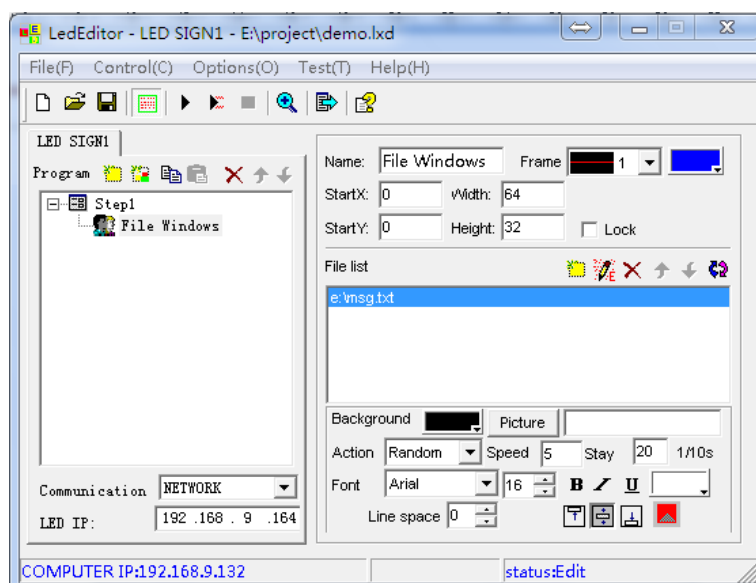


2. Examples (display content is consistent with one text file content):

2.1 text file for storing user' s message named E:\msg.txt;

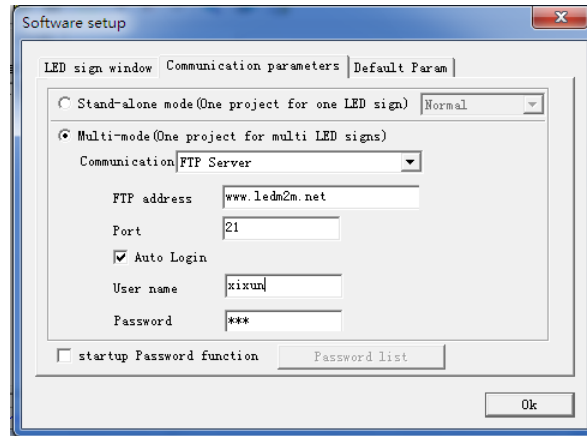
2.2 Build ftp service in E:\FTP directory, FTP address is www.ledm2m.net, port is 21, user name: xixun, password: 888; please refer to attachment for building FTP server.


2.3 Use LedEditor (which could generate xml project) to build a new project, add a file window and then add a text for this window, save it under E:\project\test.lxd, picture in below:

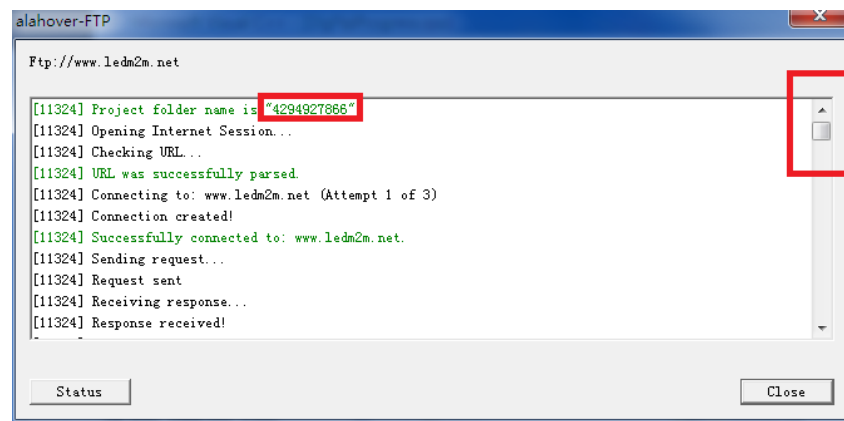




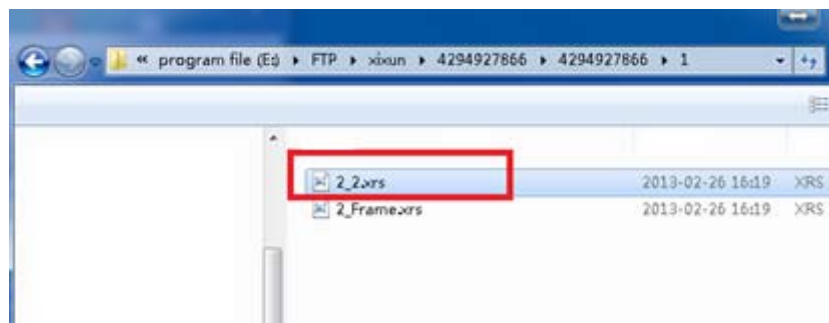
2.4 send program to FTP via LedEditor; click on Menu bar→Options→Software Setup→FTP server, picture in below:



Press Send button  and then will see picture in below:



Directory name of this project in FTP is 429427866 (in controller hardware setup, relative path name and directory name should be always the same), project name is 429427866\429427866.xml. In this project, material file for msg.txt is 2_2.xrs

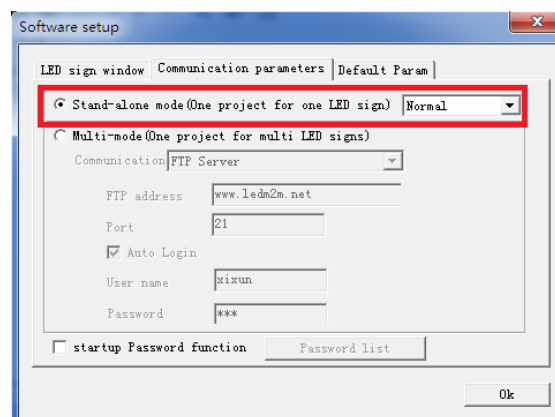




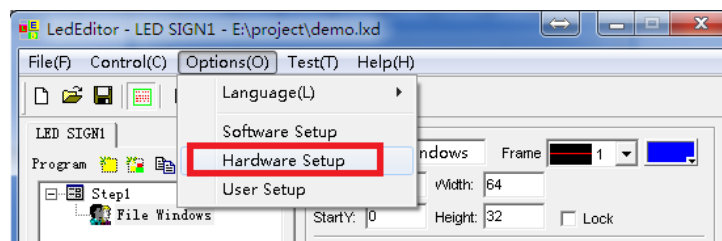
3. Set parameters in controller

3.1 Set parameters in controller:

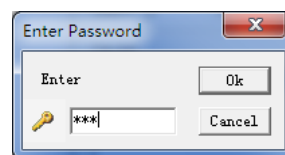
LedEditor software→Menu bar→Options→Software Setup→Stand-alone mode—OK



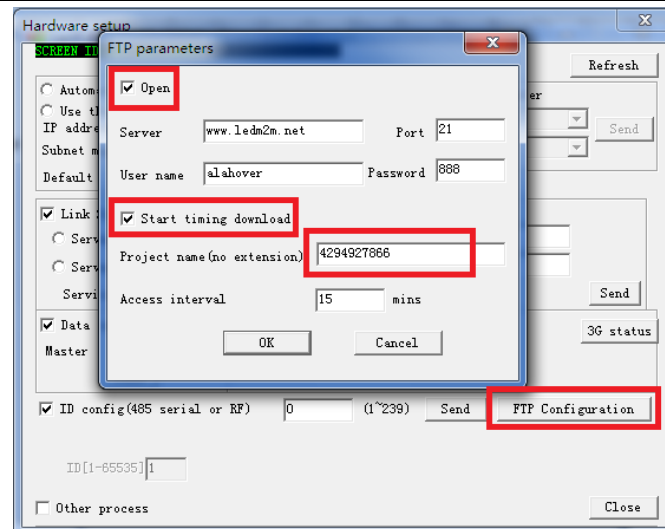
3.2 LedEditor→Menu bar→Options→Hardware Setup→



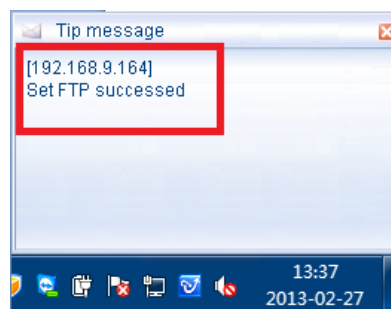
Press 888 for password



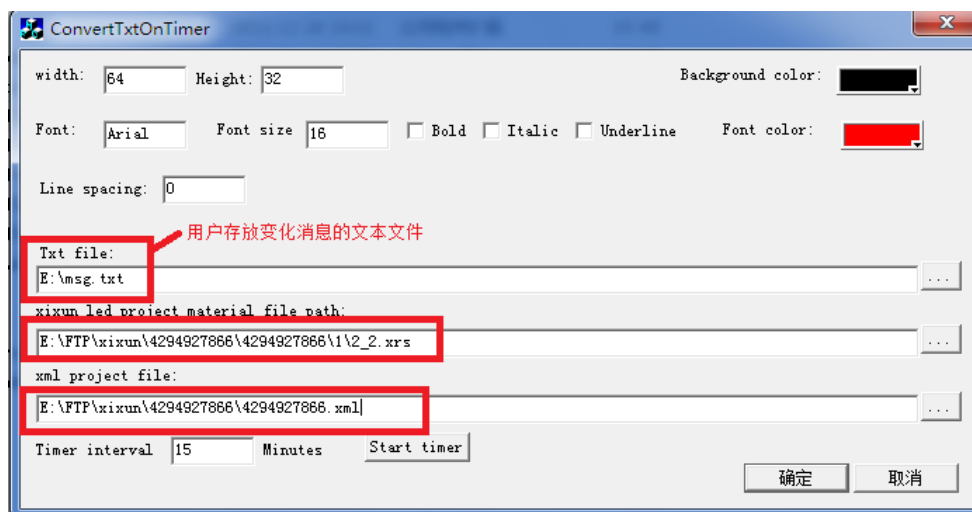
Set FTP parameters, picture in below:



After press OK and set parameters success, then a tip message will pop up in left bottom of desktop:



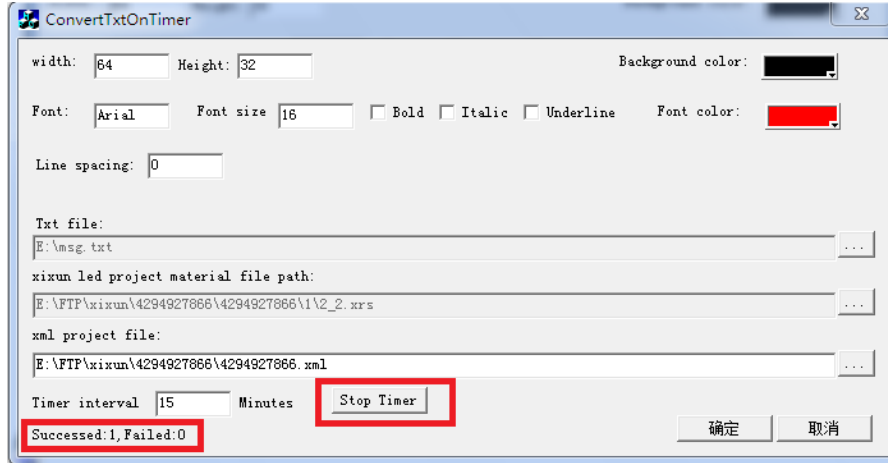
4. Run ConvertTxtOnTimer.exe, set text file, material file path and project file path, picture in below:





Timer interval is 15, which means synchronize content per 15 minutes;

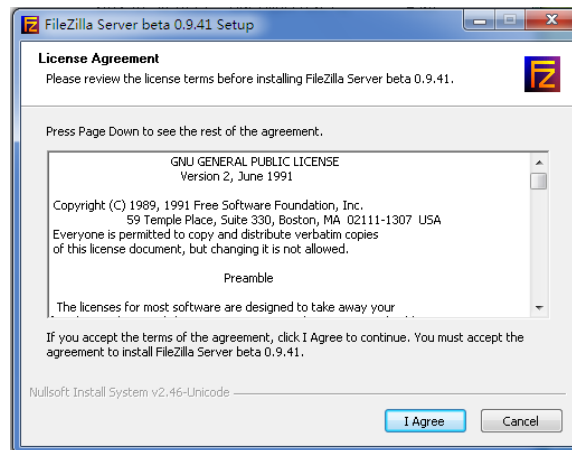
Press Start Timer button will synchronize material file in text file in timer, picture in below:

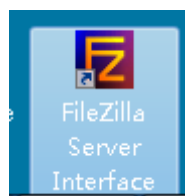
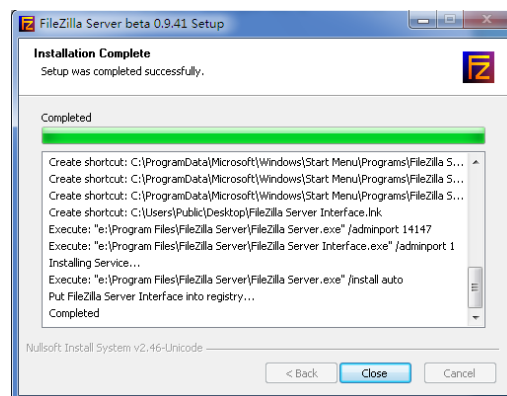
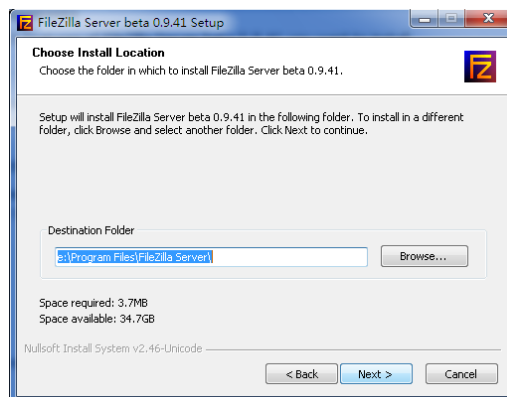
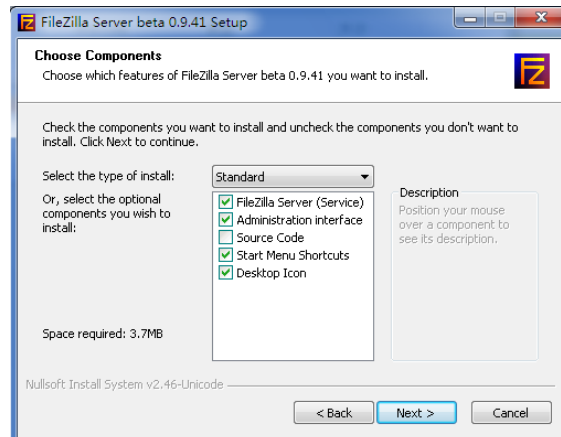


Attachment:

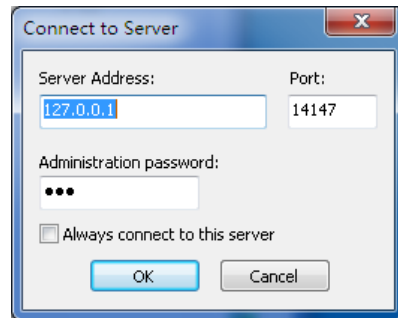
Steps of building FTP server:

Double click on  FileZilla_Server-0_9_41.exe FTP server software and start to install it.

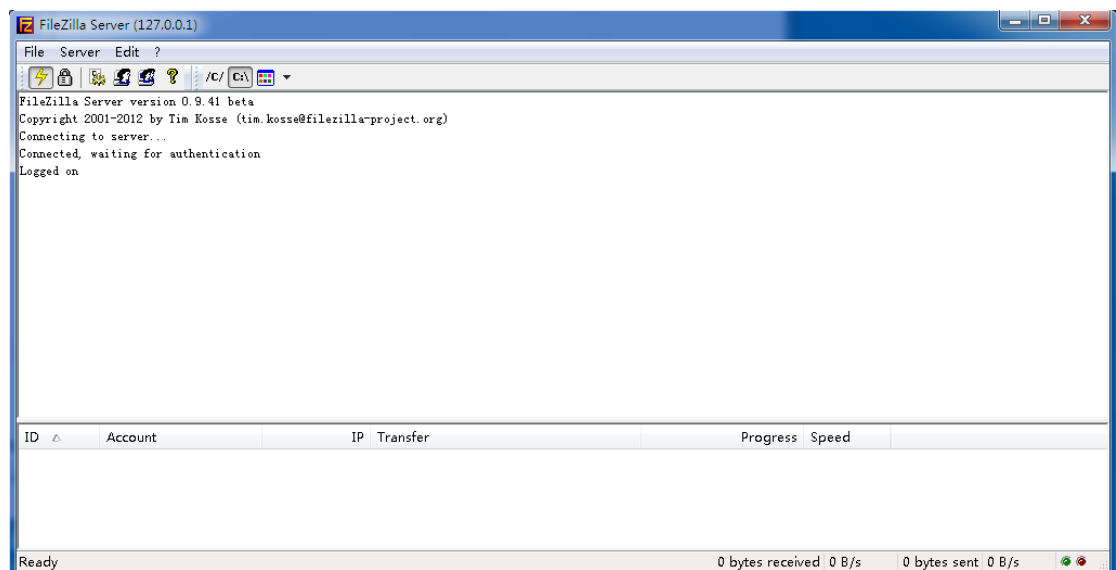




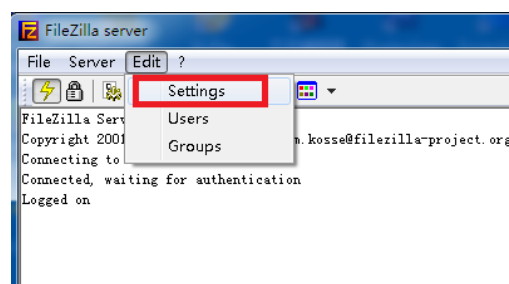
After installing it, click on shortcut in desktop and run FTP server, picture in below:

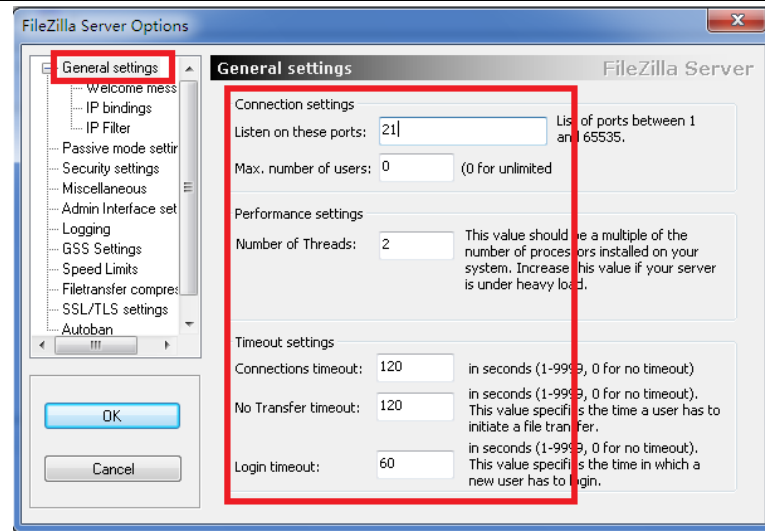


Press OK button and then following picture will pop up:

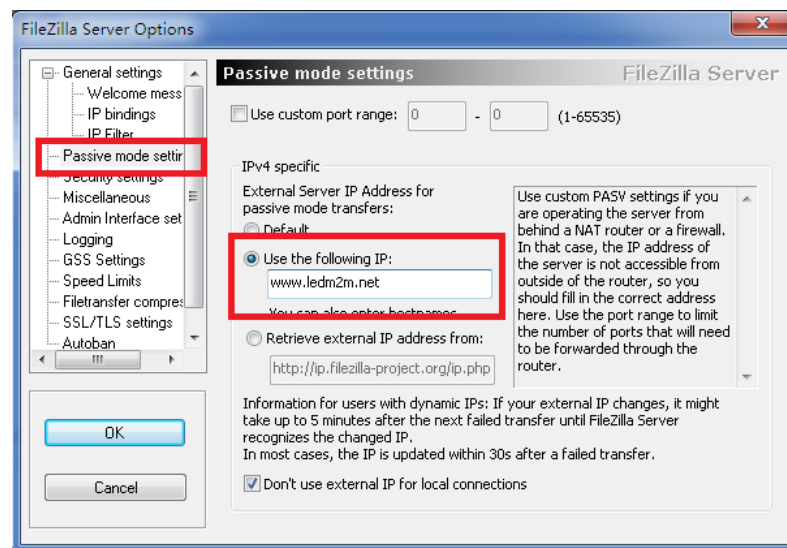


Set FTP server parameters, click on Menu bar→Edit→Settings, picture in below:

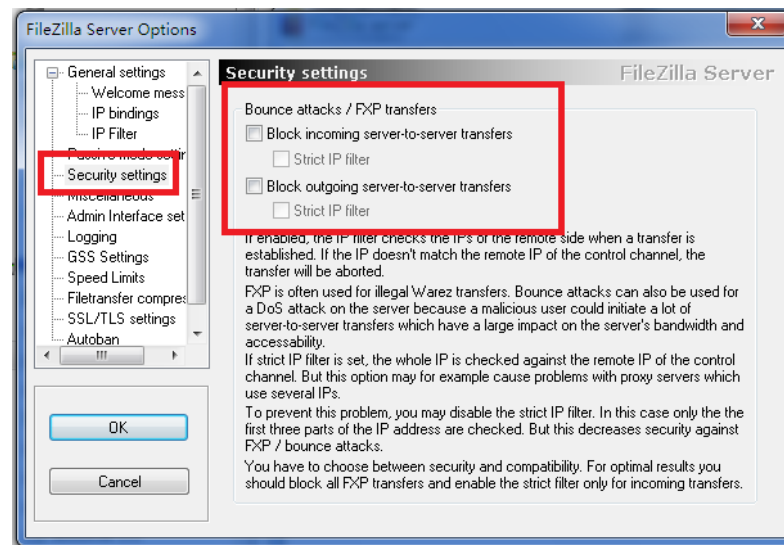




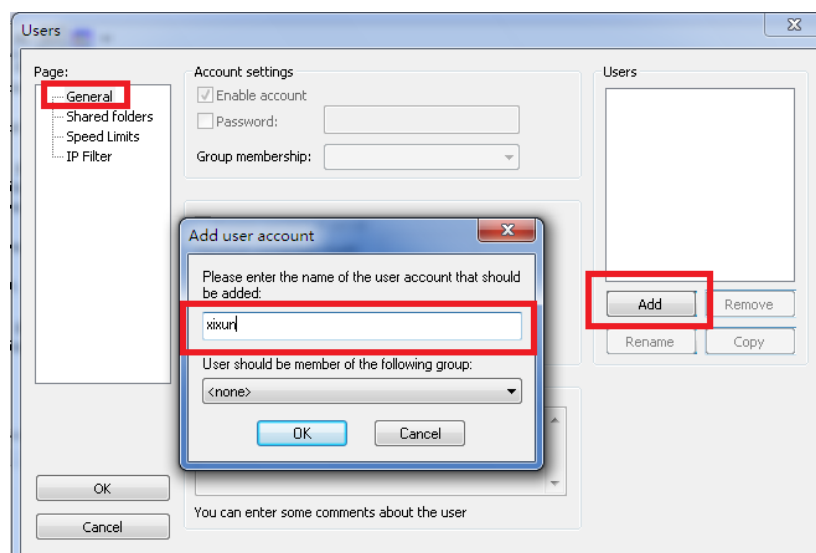
Setup Passive mode:



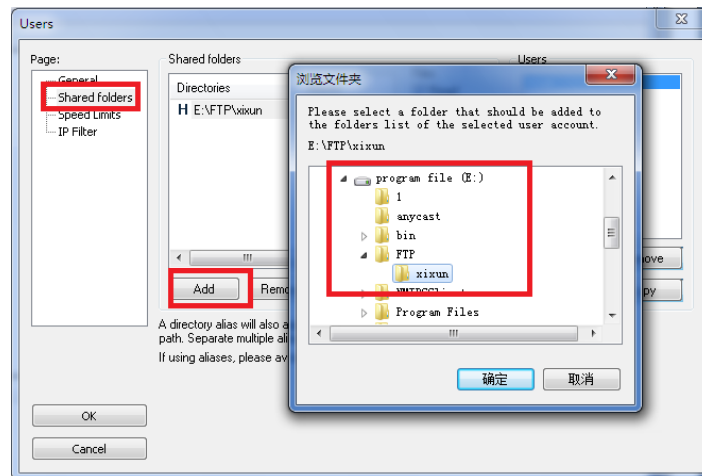
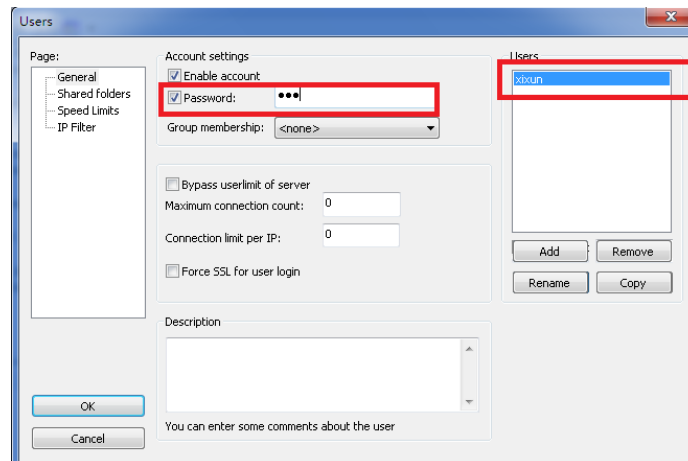
Security Setting:



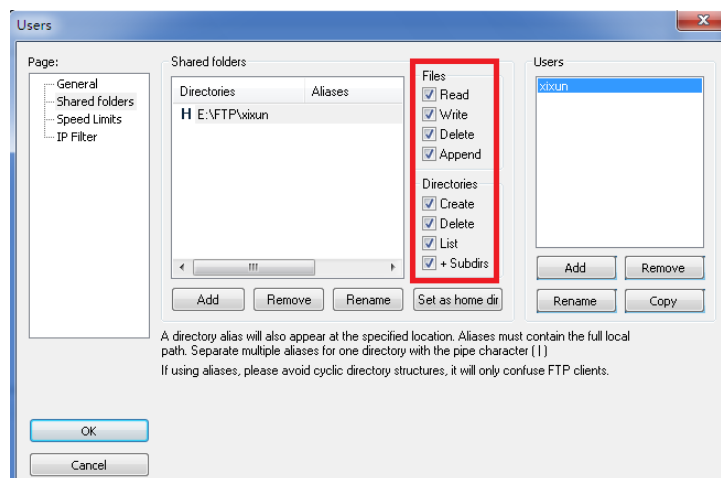
Add a user in FTP, click on Menu bar→ Edit→User:



Then assign a folder as the root directory for this user:



Set access rights for this user, picture in below:



Press on OK button and close this dialogue box.



Set port forwarding in Router, Forwarding port 21 to server, IP address is the server's IP in LAN.

Login the router and then enter port forwarding, enter the port range 21 for private IP (that is the LAN IP address of the server PC).

Note: each router's interface is different maybe; here we just take one for example:

Product Page : DIR-615 Firmware Version : 7.09

D-Link **TM**

DIR-615 // SETUP ADVANCED MAINTENANCE STATUS HELP

Port Forwarding

ADVANCED PORT FORWARDING RULES

The Advanced Port Forwarding option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.

Save Settings Do Not Save Settings

ADVANCED PORT FORWARDING RULES

Remaining number of rules that can be created: 19

Name	Private IP	Public IP	Port	Traffic Type
<input checked="" type="checkbox"/> LedDataServer	192.168.0.102	192.168.0.102	21	Any
<input type="checkbox"/>				Any
<input type="checkbox"/>				Any
<input type="checkbox"/>				Any

Helpful Hints...

- Check the Application Name drop-down menu for a list of pre-defined applications that you can select from. If you select one of the pre-defined applications, click the arrow button next to the drop-down menu to fill out the appropriate fields.
- This feature allows you to open a range of ports to a computer on your network. To do so, enter the first port in the range you would like to open on the router in the first box under **Public Port** and last port of the range in the second one. After that you enter the first port in the range that the internal server uses in the first box under **Private Port** and the last port of the range in the second.
- To open a single port using this feature, simply enter the same number in both boxes.

Until now, FTP server is complete.