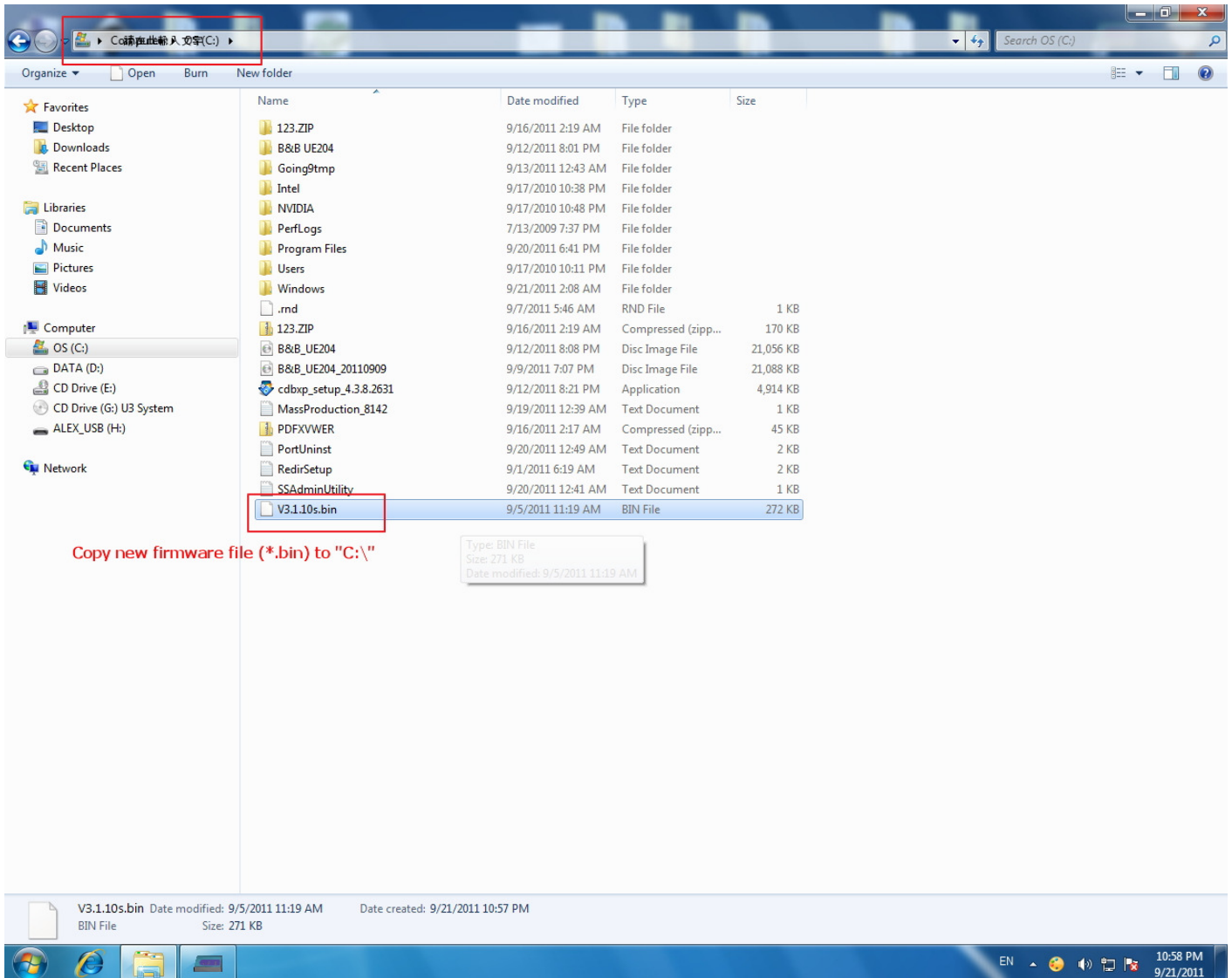


# Update firmware for FE2xxx series (Serial port over Ethernet)

1. Copy new firmware file (\*.bin) to "C:\".



## 2. Start the TFTP Server.

The screenshot displays the Serial Device Server v1.5.1s application window. The interface includes a menu bar (File, View, Help), a toolbar, and a sidebar with several service options: Device Management, Virtual Serial Port, Device Monitor, DHCP Server, TFTP Server 1., and COM Port Terminal. The TFTP Server 1. option is selected and highlighted with a red box. A red annotation '3. Start the TFTP server.' points to a 'Stop' button and a 'File Path' text box containing 'C:\'. Another red annotation '2. The file path of the new firmware file (\*.bin)' points to the 'File Path' text box. The main area shows a progress bar and a log window with the message: 'TFTP server @ 192.168.2.111 is running on UDP port 69 successfully.' Below the main area is a 'System Log' section with a table of log entries. A red annotation 'Make sure the IP same as your computer IP.' points to the IP address '192.168.2.111' in the log entry. The Windows taskbar at the bottom shows the system tray with the time '11:03 PM' and date '9/21/2011'.

3. Start the TFTP server.

2. The file path of the new firmware file (\*.bin)

TFTP server @ 192.168.2.111 is running on UDP port 69 successfully.

Provides TFTP server function.

System Log

No	Time	Message
1	2011-9-21-22-56-59...	Application starts successfully.
2	2011-9-21-23-2-47 ...	TFTP server @ 192.168.2.111 is running on UDP port 69 successfully.

Make sure the IP same as your computer IP.

### 3. Search the Device Server and update firmware.

(After firmware update, you maybe need to uninstall old utility and install new utility for new firmware)

The screenshot displays the Serial Device Server v1.5.1s application window. The interface includes a menu bar (File, View, Help), a toolbar, and a sidebar with navigation options: Device Management (1), Virtual Serial Port, Device Monitor, DHCP Server, TFTP Server, and COM Port Terminal. The main area contains a 'System Setting' section with buttons for Search (2), Device Setup, Reboot, and Firmware Upgrade (4). Below this is a 'Status' section showing 'Idle' and a progress bar. A 'Devices List' table is present, with the first row selected (checkbox checked, 3):

NO.	Device Name	MAC Address	DHCP	IP	Port	Mode	Status
1	DSM	00-0E-C6-00-00-42	Enable	192.168.2.128	5000	Server	Idle

The 'System Log' section at the bottom shows the following entries:

No	Time	Message
1	2011-9-21-22-56-59...	Application starts successfully.
2	2011-9-21-23-2-47 ...	TFTP server @ 192.168.2.111 is running on UDP port 69 successfully.
3	2011-9-21-23-33-4 ...	TFTP server stopped.
4	2011-9-21-23-33-9 ...	TFTP server @ 192.168.2.111 is running on UDP port 69 successfully.

A 'Firmware Upgrade' dialog box is overlaid on the system log, containing the following fields and buttons:

- TFTP Server IP Address: 192 . 168 . 2 . 111 (6)
- Timer Upgrade Period: 10 (sec / device)
- Production Firmware Name: V3.1.10s.bin (5. new firmware file name)
- Buttons: Upgrade Firmware, Cancel

Red arrows point from the dialog box to the system log entry for step 4, with the text: 'make sure the IP is same as your computer IP'.