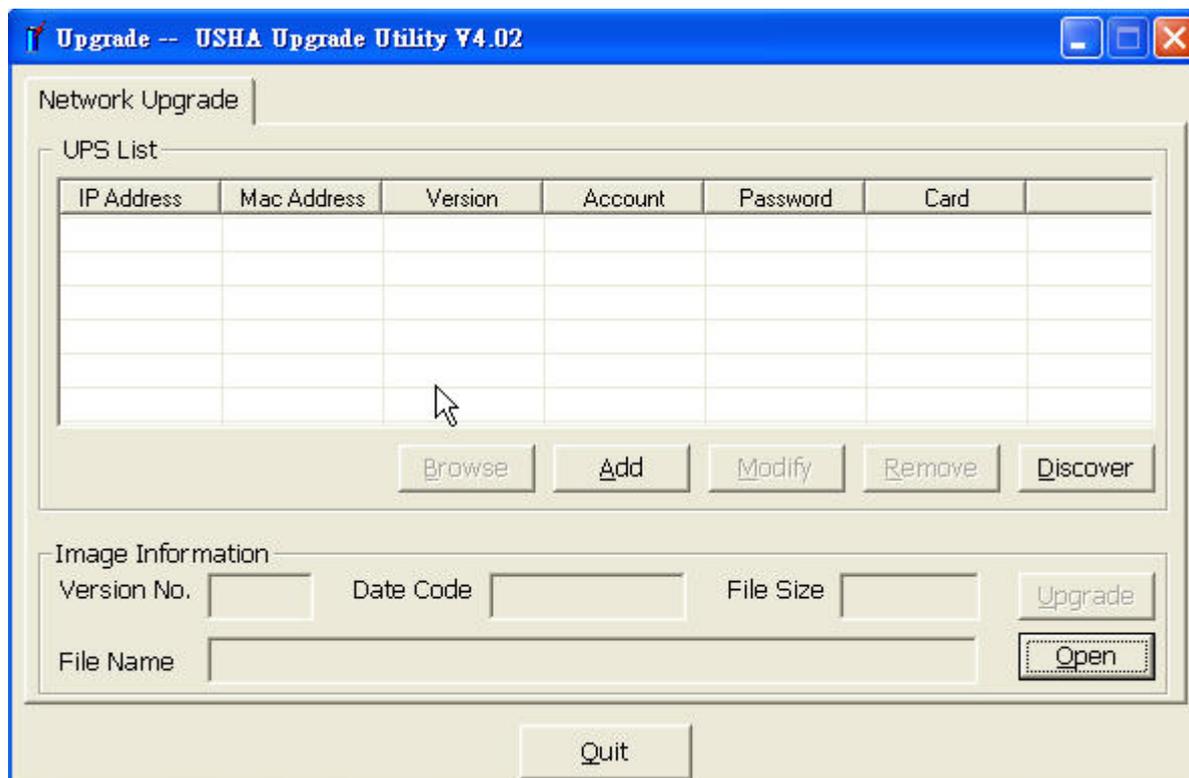# USHA Pro Firmware Upgrade

General information

1. To be able to perform firmware upgrading, the SNMP/Web card must be connected to the same network as the PC, which is executing this upgrade tool.

2. Check the TFTP Upgrade Control is enabled in the SNMP/Web card control menu. 3. You must have the login account and password with administrator authority.
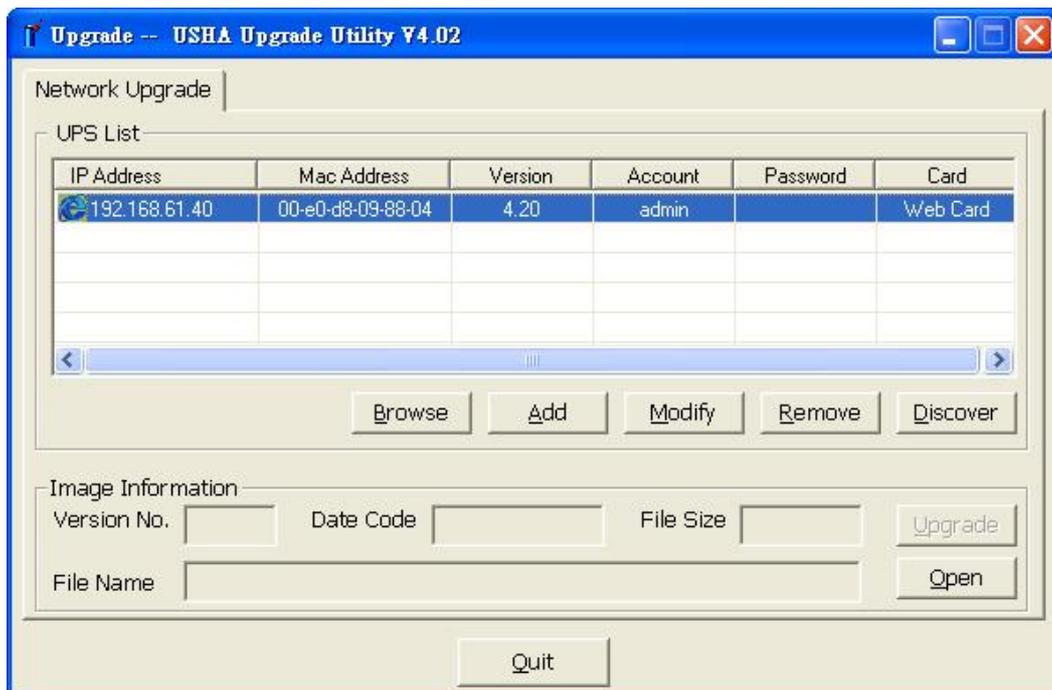
To perform firmware upgrade, use the **Upgrade.exe** program.

- **UPS List:** Displays the address of the USHA present in the local network.
- **Discover:** Search for the USHA on the local network.
- **Browse:** Lets you open default browser to browse SNMP/Web card.
- **Add:** Lets you add the IP address of a SNMP/Web card to the UPS list manually.
- **Remove:** Lets you remove the IP address of a SNMP/Web card to the UPS list manually.
- **Modify:** lets you modify the parameters of the SNMP/Web card selected in the UPS list.
- **Upgrade:** Sends the program loaded with the open button to the selected SNMP/Web card of the UPS List.
- **Open:** Open and load the new image file for upgrade.
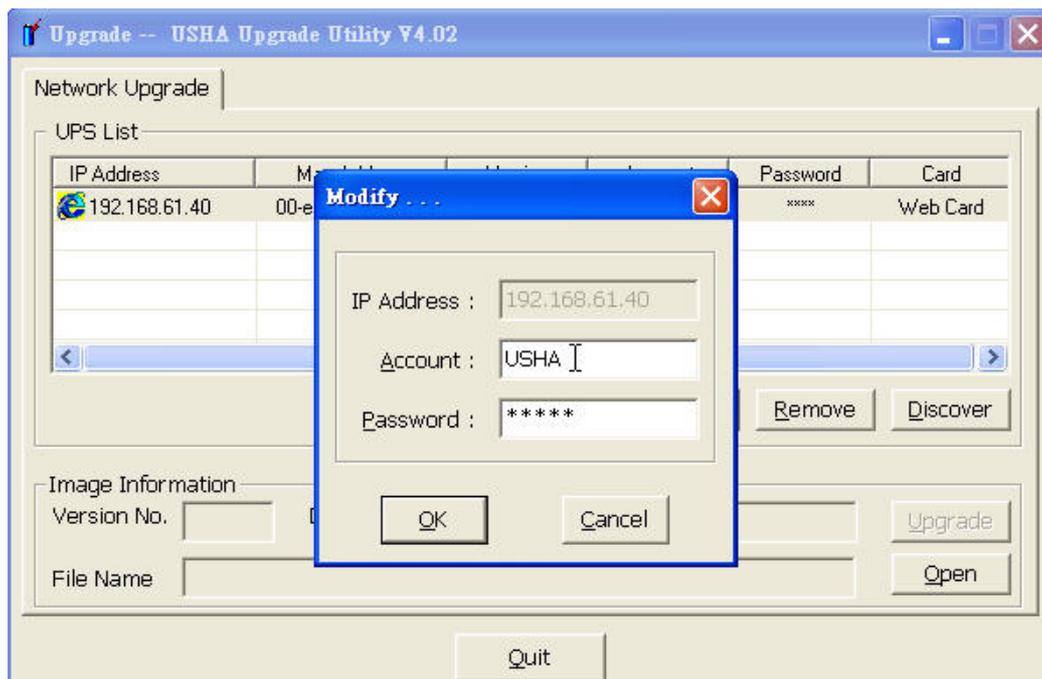- **Quit:** Exit the program
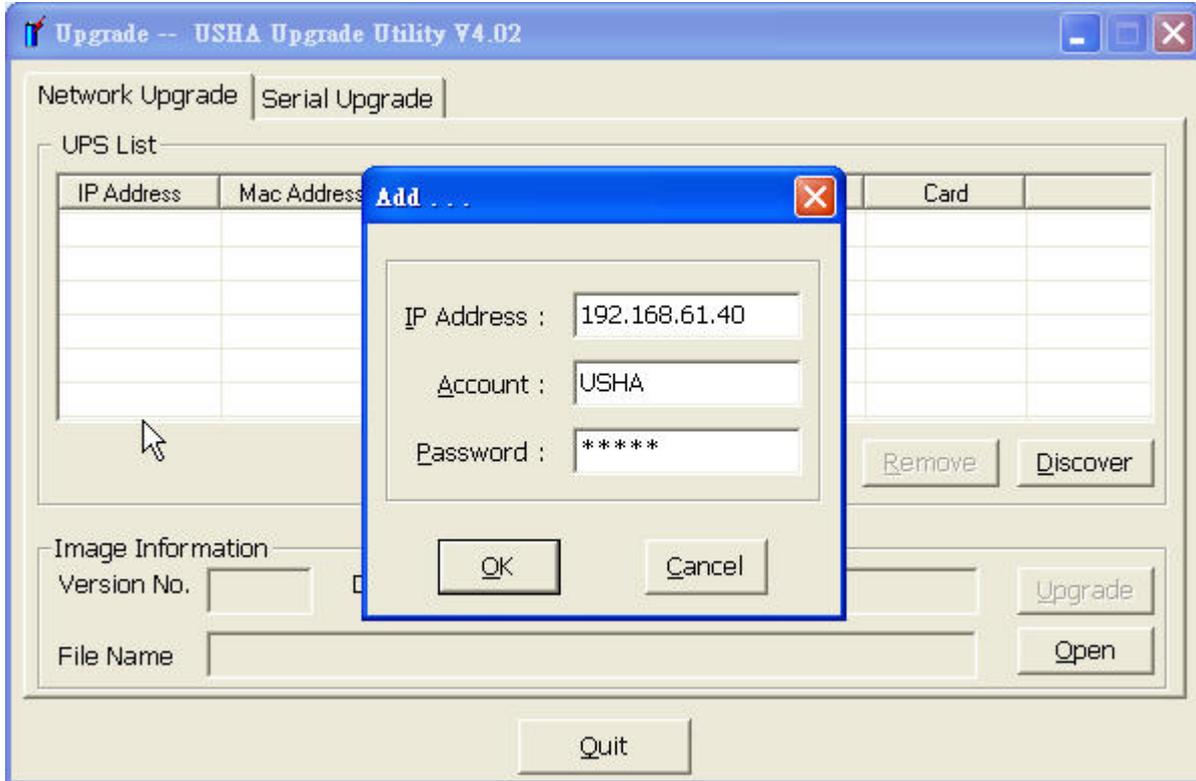
Network Upgrade Procedure

1. Launch Upgrade.exe then Discover button.

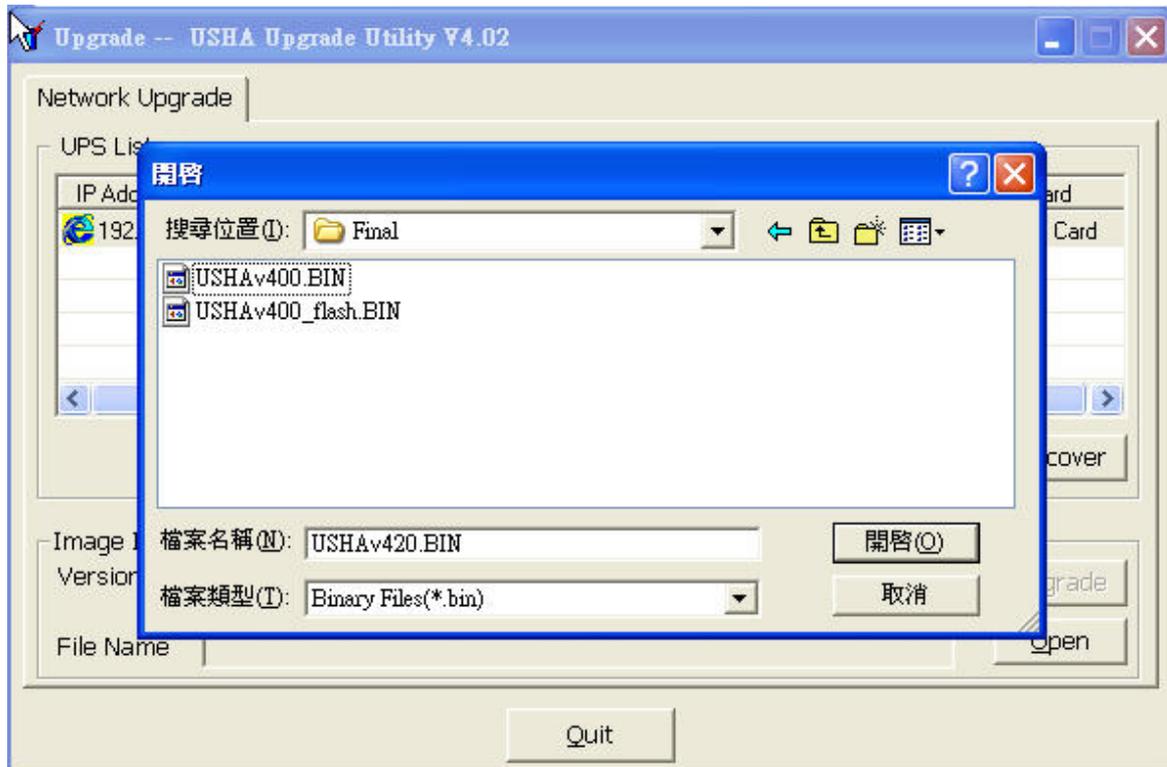2. Wait a moment, it'll found SNMP/Web card. (If it can discover, please skip step 5)

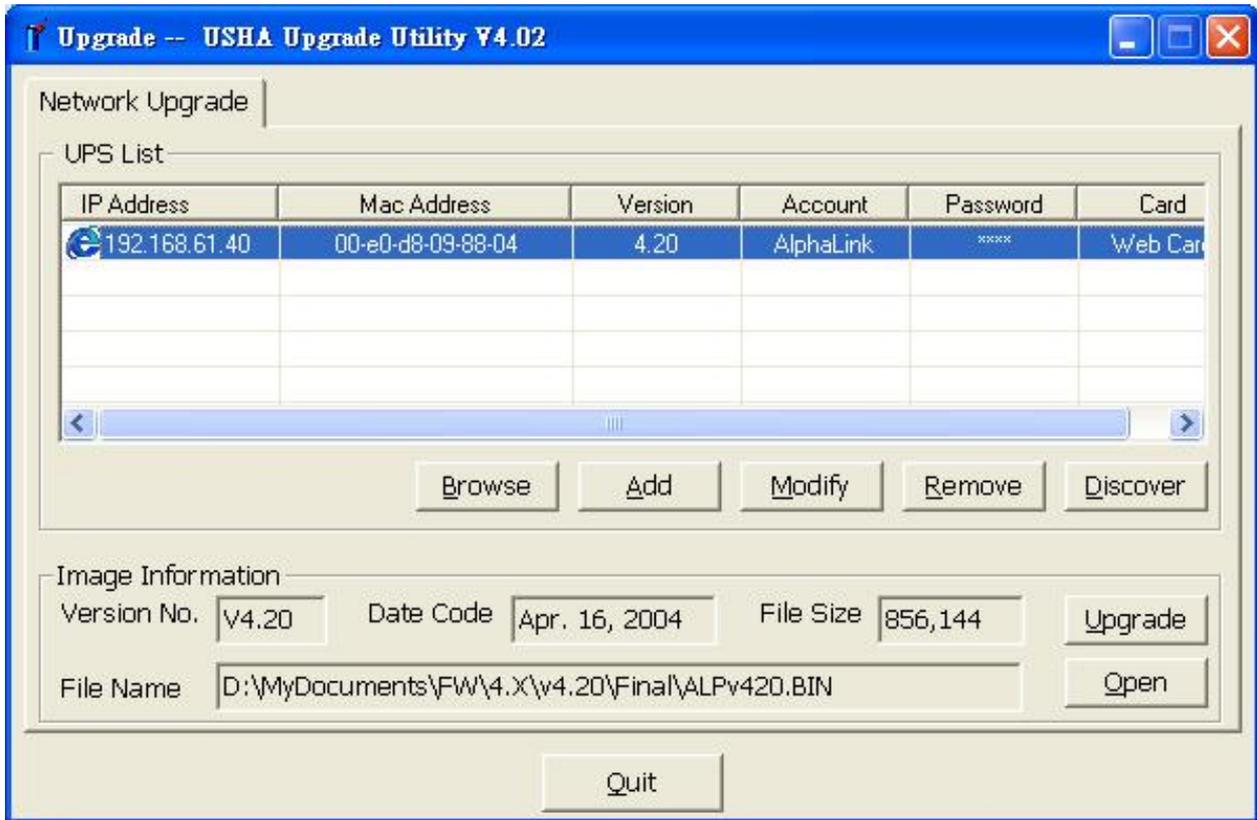3. Select one then press modify button and then enter account and password.

4. If press Discover button can't found any SNMP/WEB card, please press Add button.

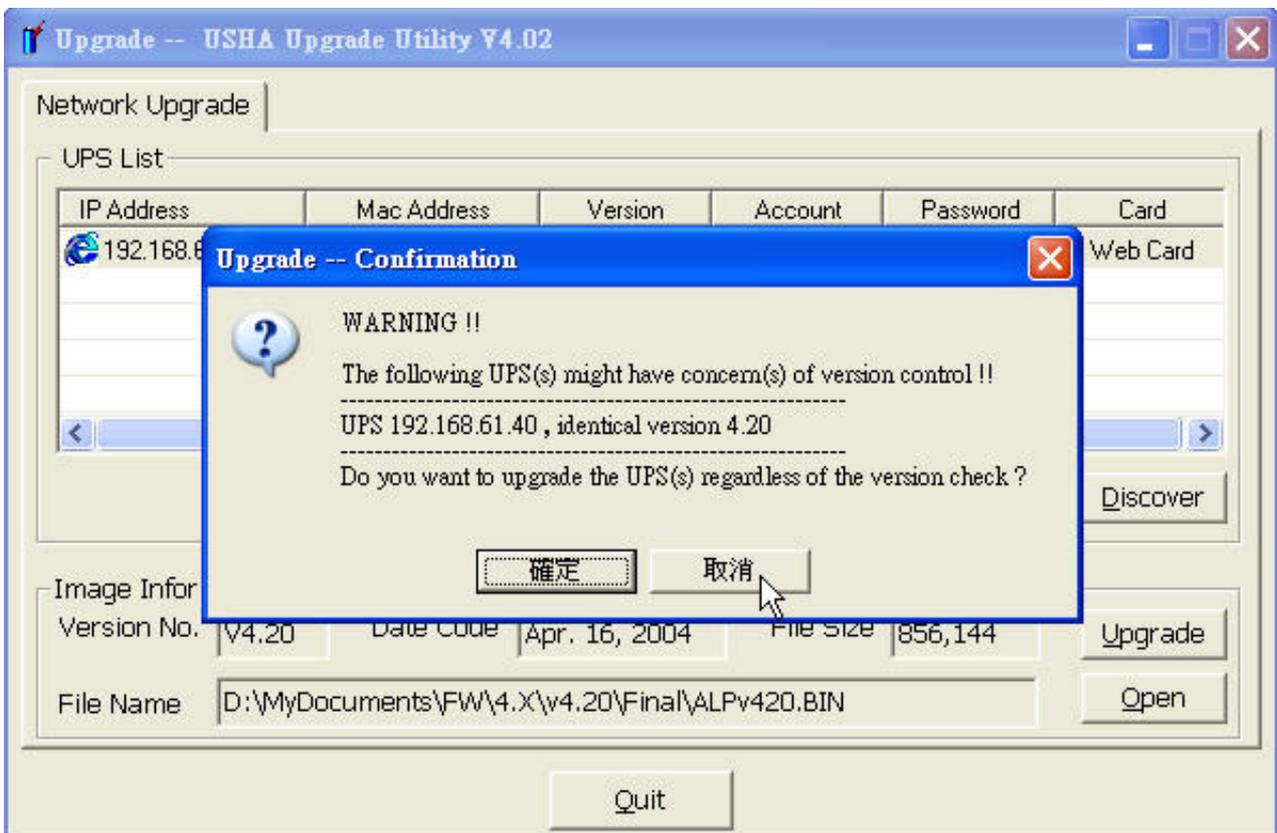5. Please enter IP Address, Username and Password and then press "OK" button.

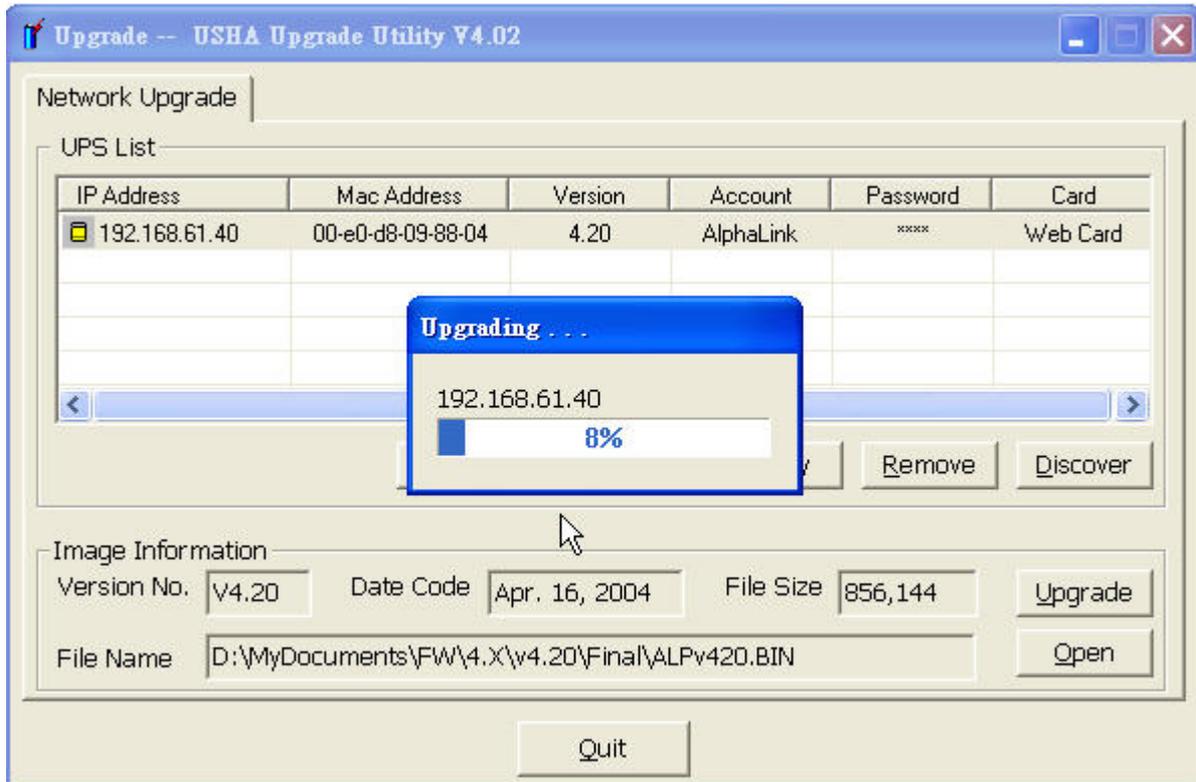6. Press Open button and load image file for upgrade.

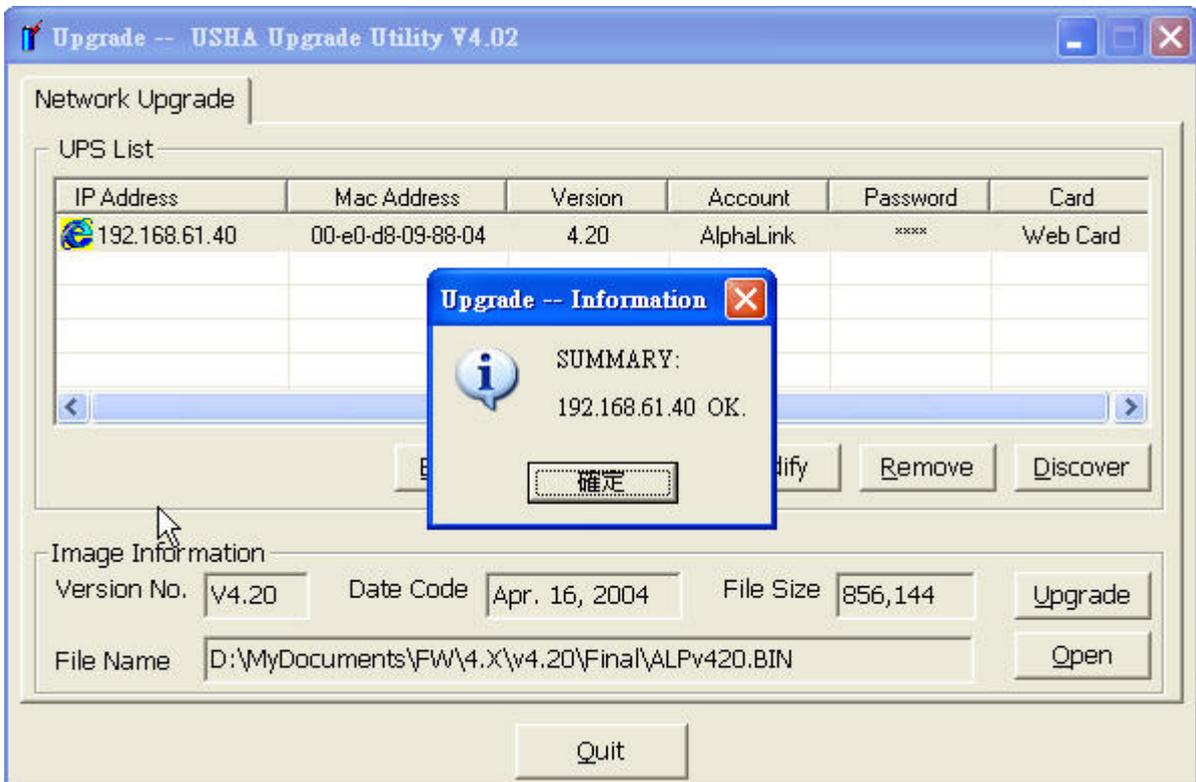7. Choice and then press Upgrade button.

8. Press "Yes" button.

9. Upgrade in progress.

10. Press "OK" button.

11. Upgrade has been finished.

Serial Upgrade Procedure

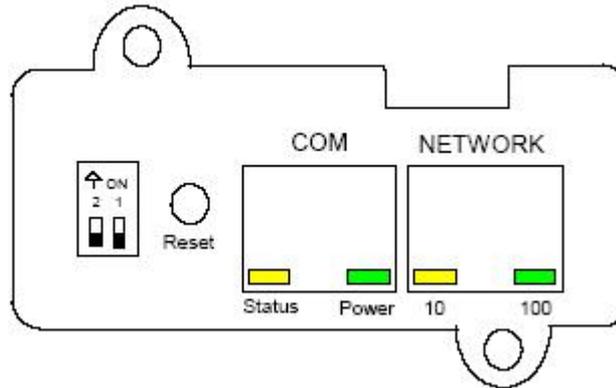1. Set DIP Switch as 1 On, 2 Off and connect the COM port. (Amber LED of COM is flashing)
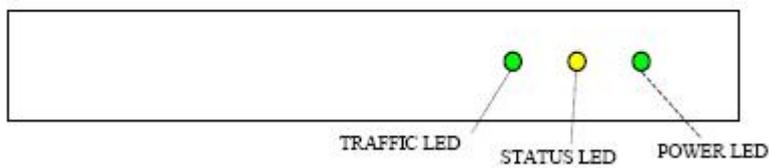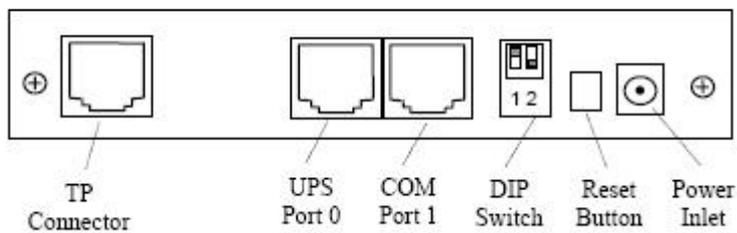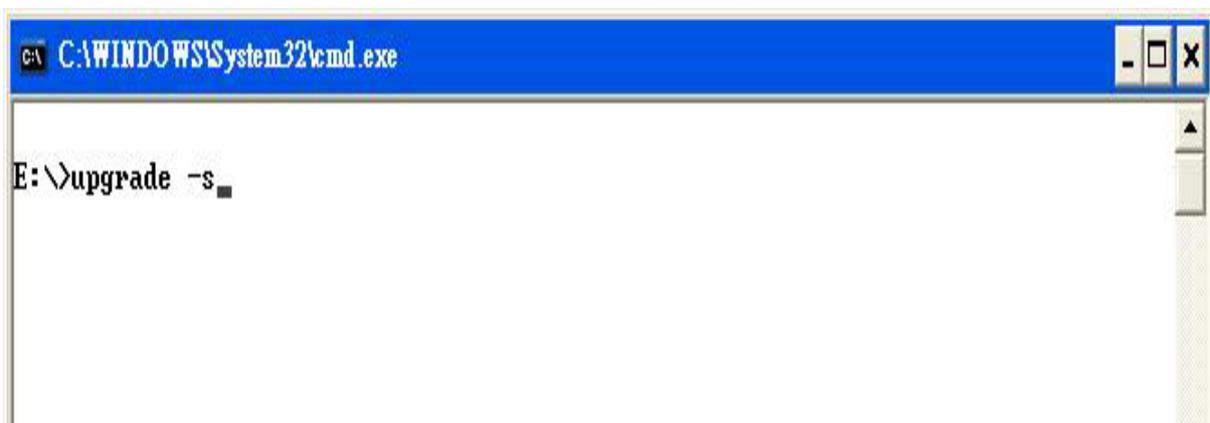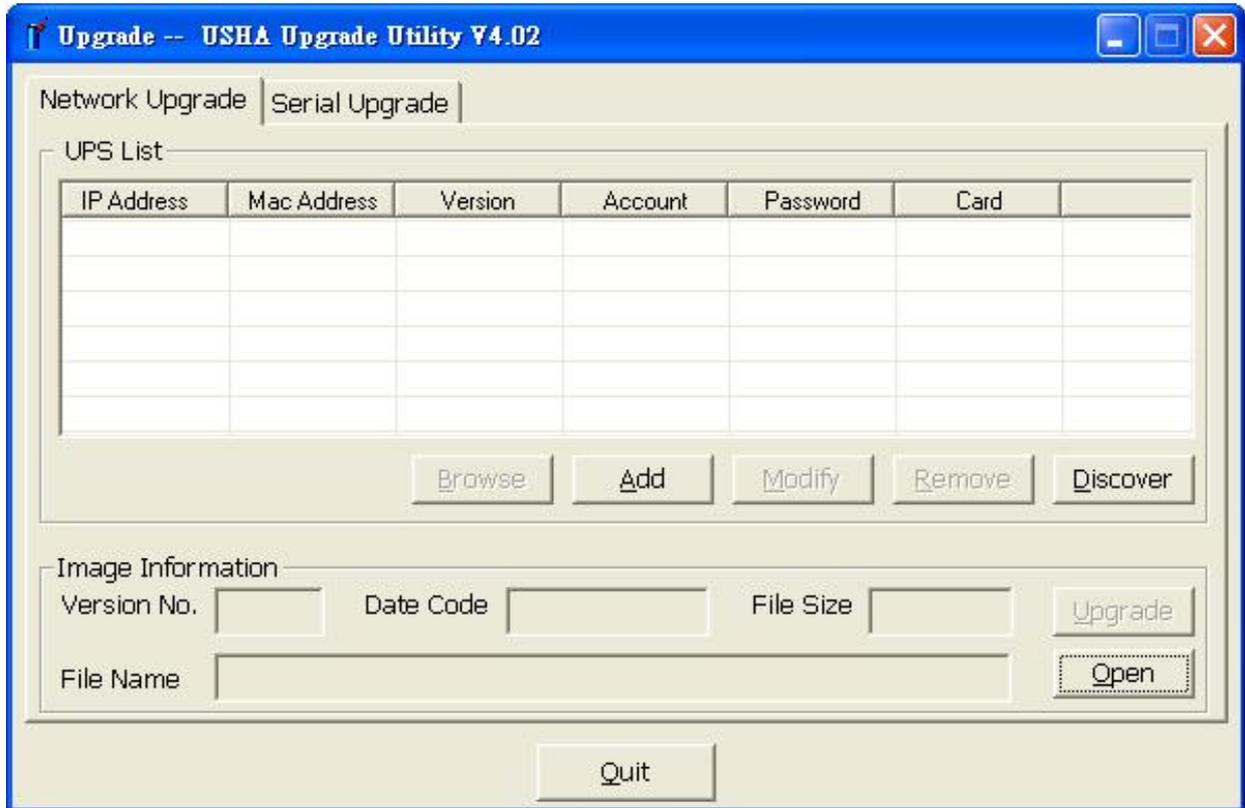

Diagram of Front Panel
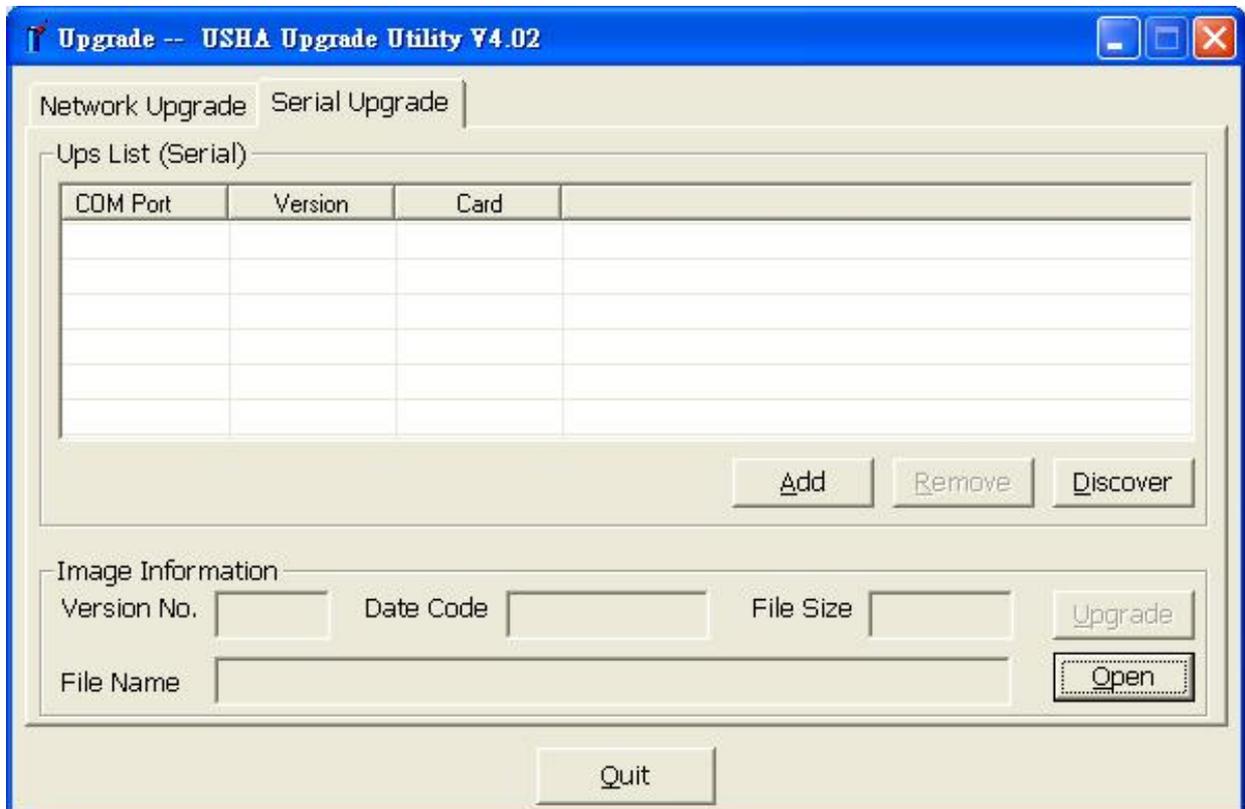

Diagram of Back Panel

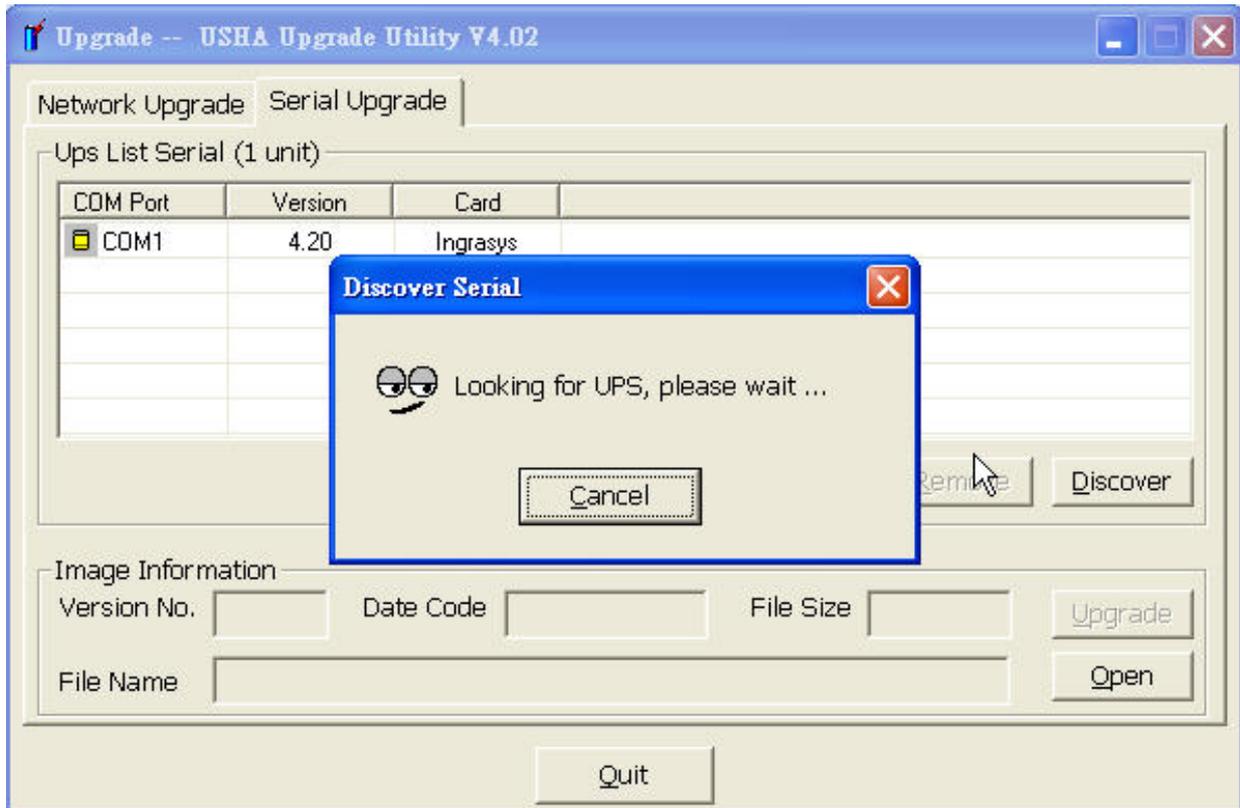2. Enter upgrade –s in command prompt. (If you upgrade.exe put in E:\)

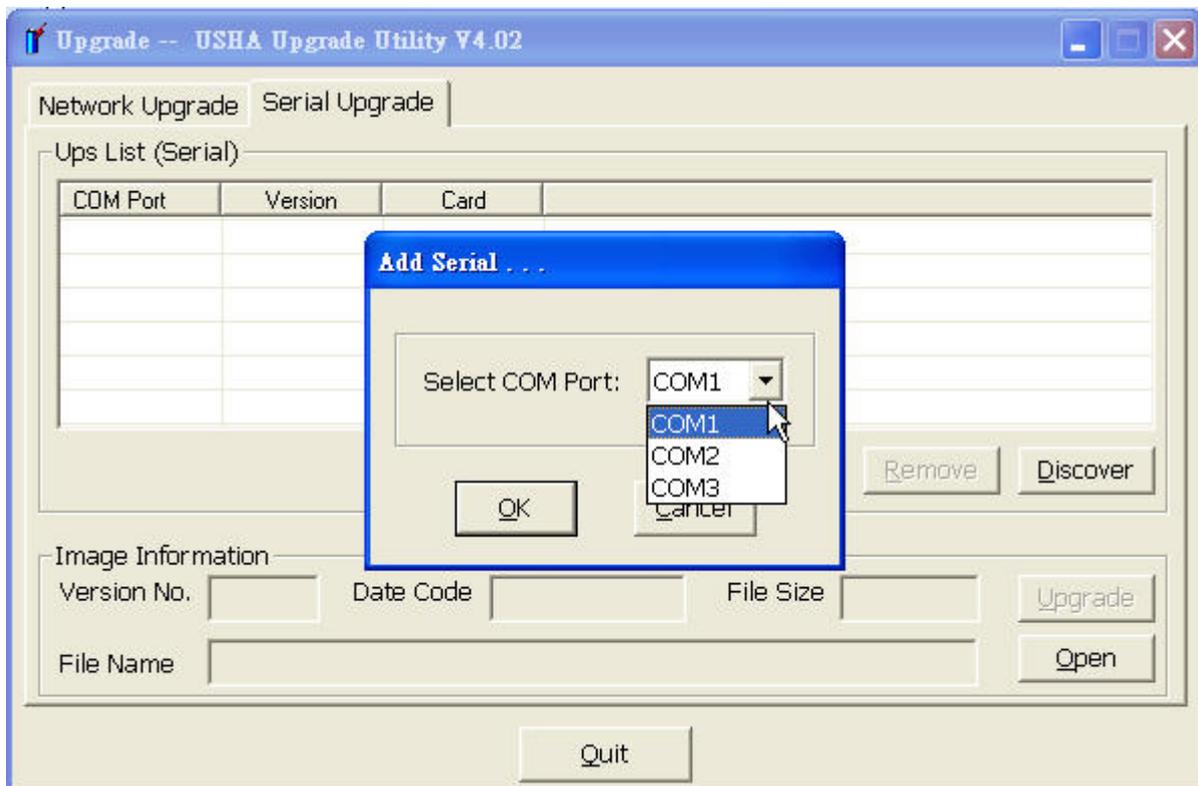3. It's produce serial Upgrade page.

4. Select Serial Upgrade page and press "Discover" button. (If you can found, please skip step6)
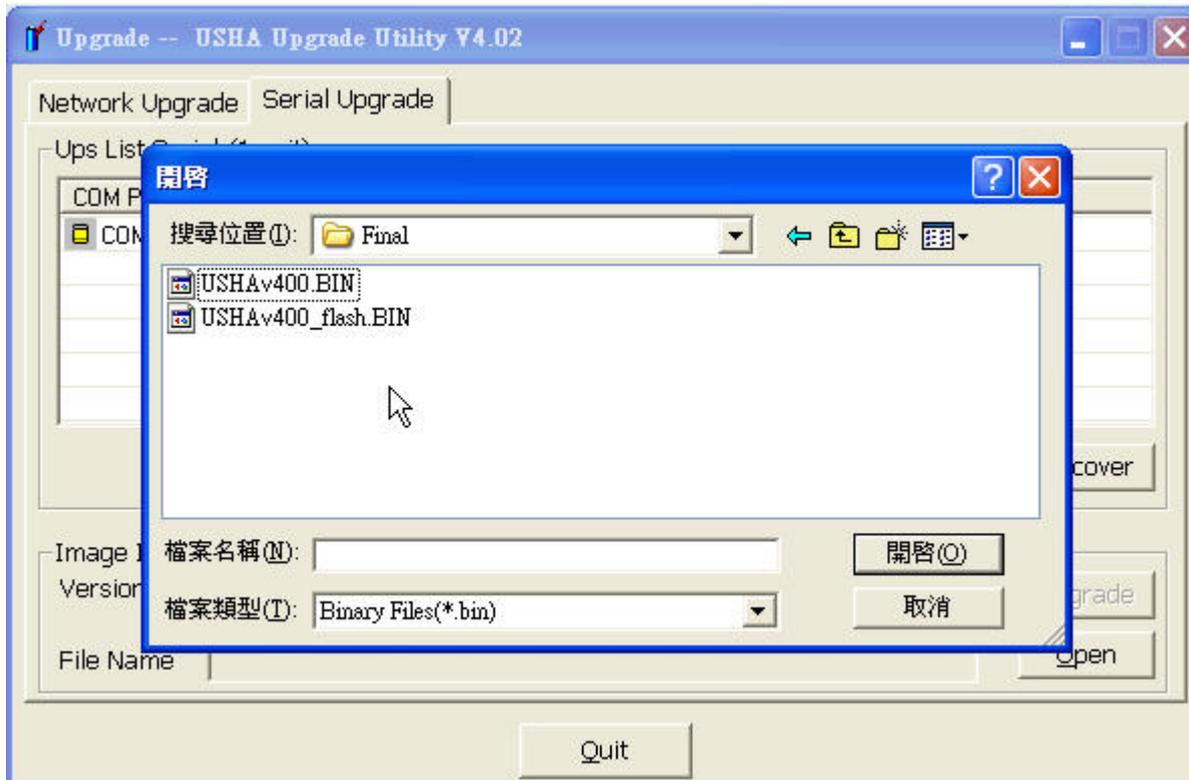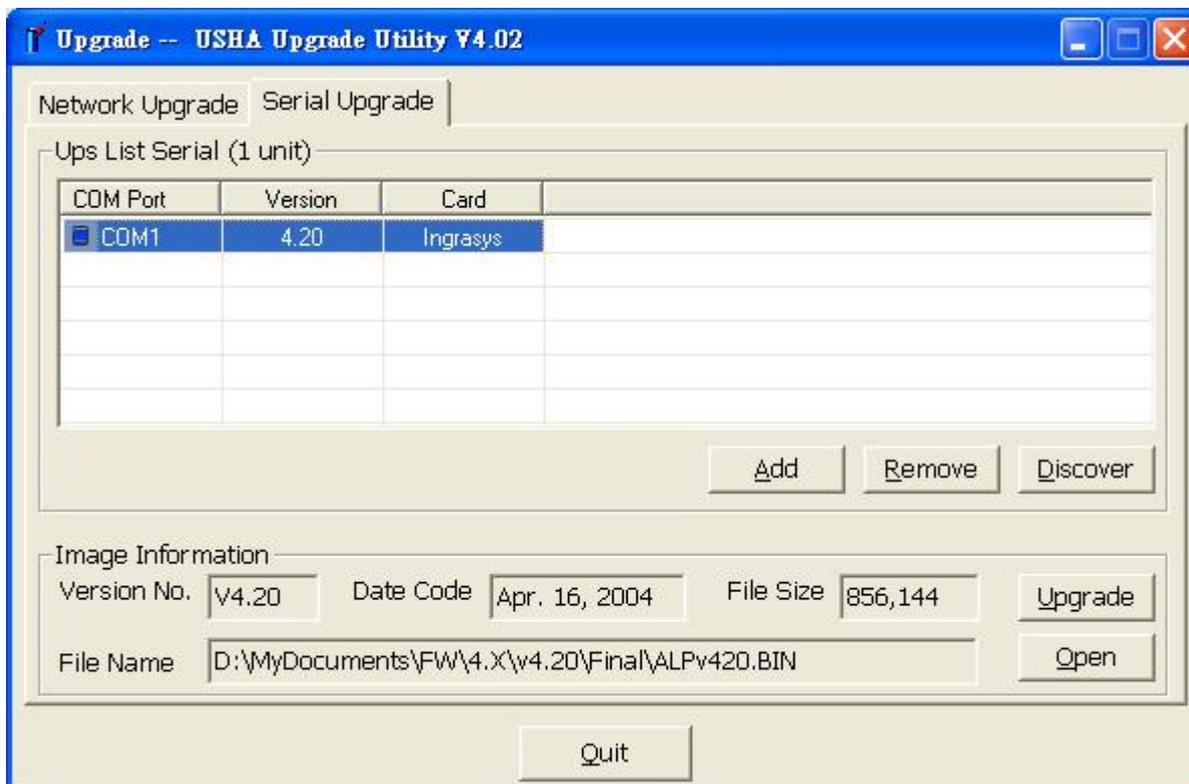
5. Looking for UPS.

6. Press "Add" button, and select COM Port. (If you can't discover one.)

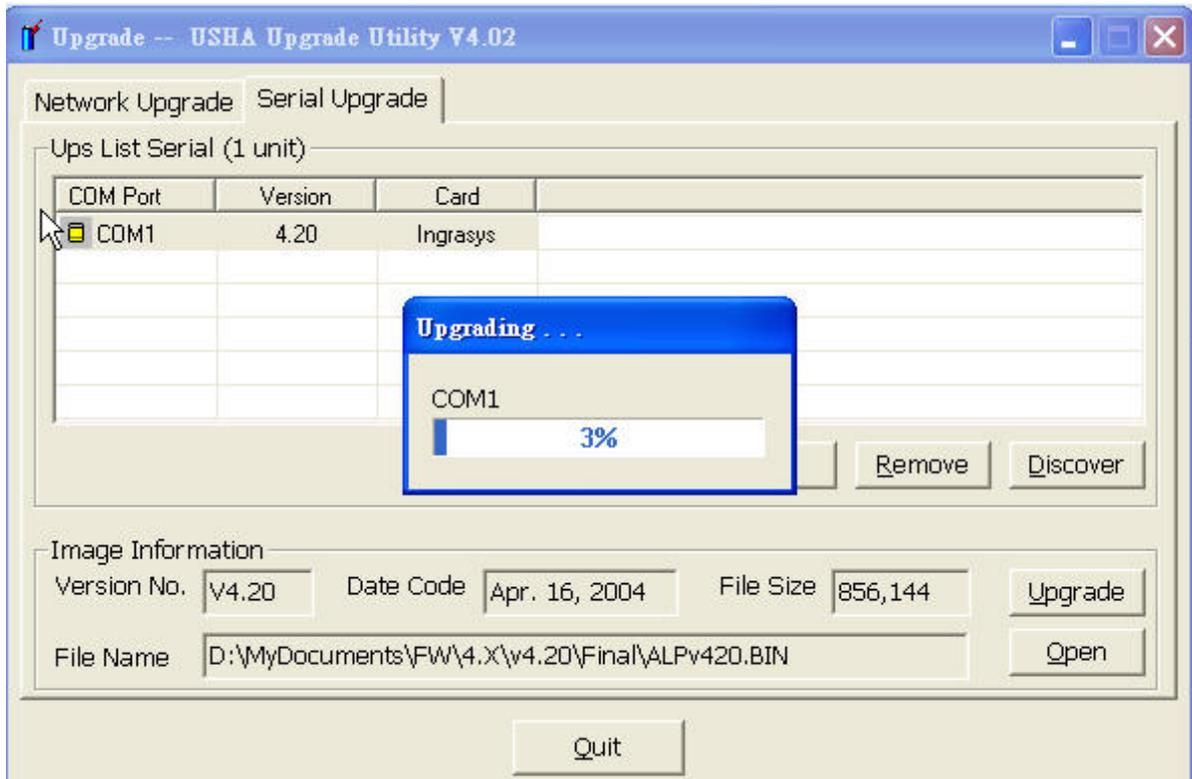7. Press Open button and load image file for upgrade

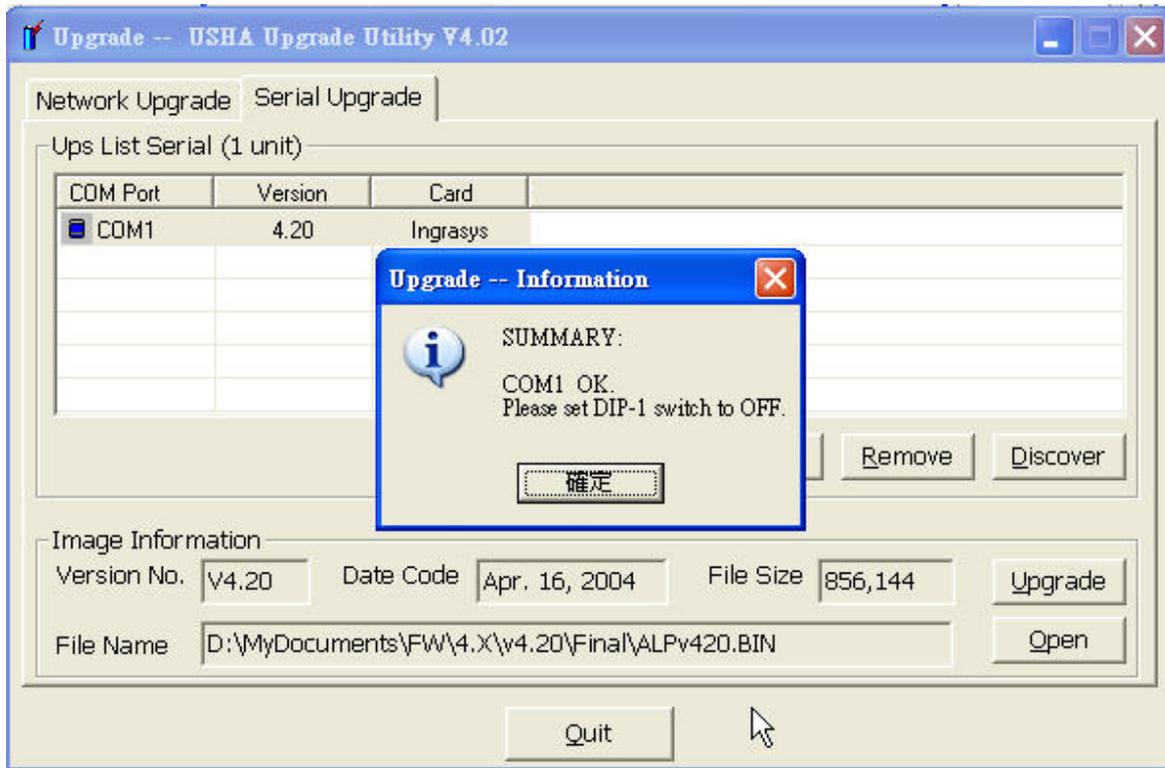8. Ready to upgrade, then press button of upgrade.

9. Press "Yes" button

10. Serial Upgrade in progress.

11. Serial upgrade has been finished.

12. After upgrade finished, please set DIP Switch 1 Off, 2 Off. (SNMP/WEB card will restart)