ADVANTECH

Enabling an Intelligent Planet

Advantech Corporation

EKI-7559 MI / SI

Release Note

● **Firmware version: v1.00 kernel version: k 5.03.35**

Release Date	2015/02/13
Engineer	Jack.Hsu
Final Approval	JasonC.Chiou

I. Release Brief

Firmware Version: v1.00

Kernel Version: k5.03.35

Purpose of Release: Bug fixed.

Customer: Advantech

II. Changes

i. New Feature Release

N/A

ii. Bugs Fix

a. After IGMP change Mroute ports did not received video steam.

b. IGMP function failed when management vlan is not 1.

c. IGMP groups are flush whenever any physical port's state is changing.

d. Backup config file does not accept by the new firmware.

e. Mac table display incorrect.

f. X-Ring+ doesn't work while DUT enables 802.1q VLAN and IGMP snooping.

g. Ring function can not enter X Ring ID number from Web UI (IE 8).

h. Port base vlan can not overlap.

i. [RSTP] non-root switch will not flush mac address table. when other RSTP ports disconnect

and reconnect. that will happens percent 50 possibility.

j. Dual-homing port connected may link-down 300 seconds while designated port was

changed on RSTP-enabled switches.

k. Legacy X-Ring does not working with nos1.8 X-ring.

l. DUT will crash in 6 mins if LLDP was enabled and RSTP priority was changed.

m. IGMP/MLD stream forwarding to IGMP/MLD querier in reverse topology.

iii. The known unfixed issues

N/A

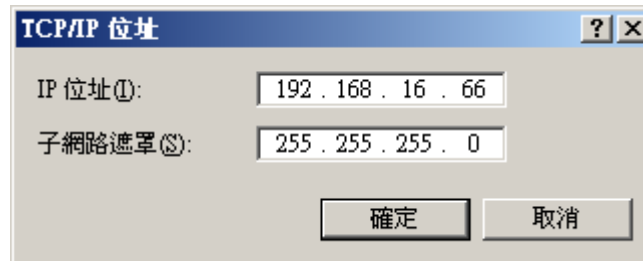## iv. MD5 checksum
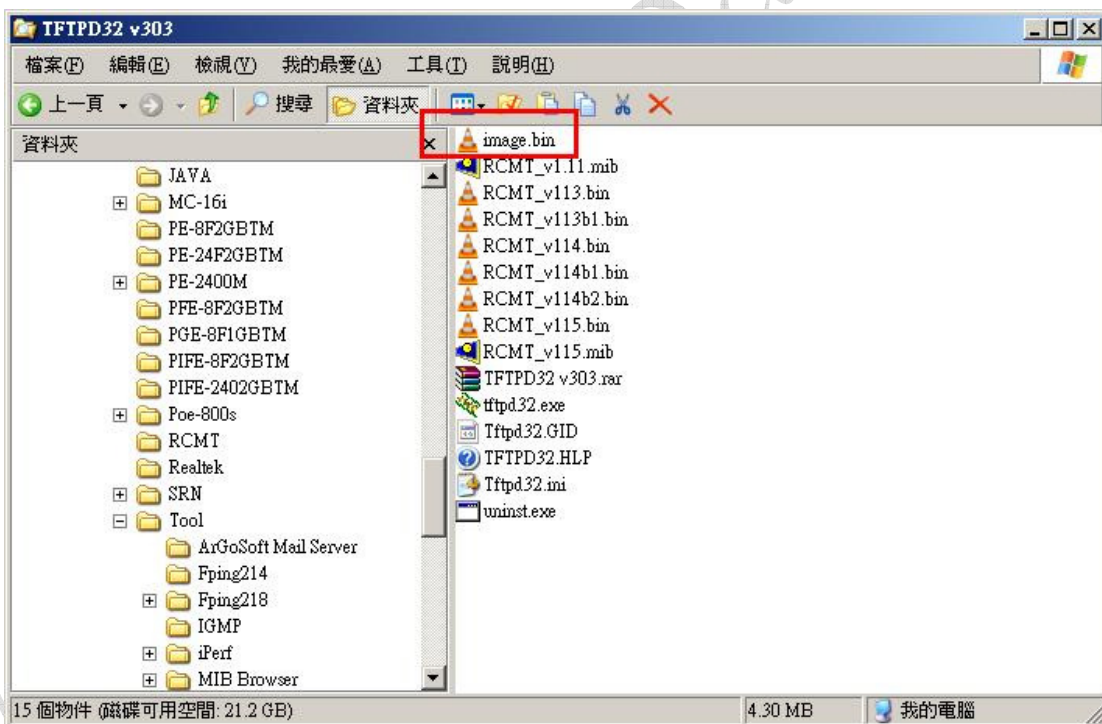
MD5 EKI7559.mib = 7C4D4B91D2A8288C22506AB3078207CD

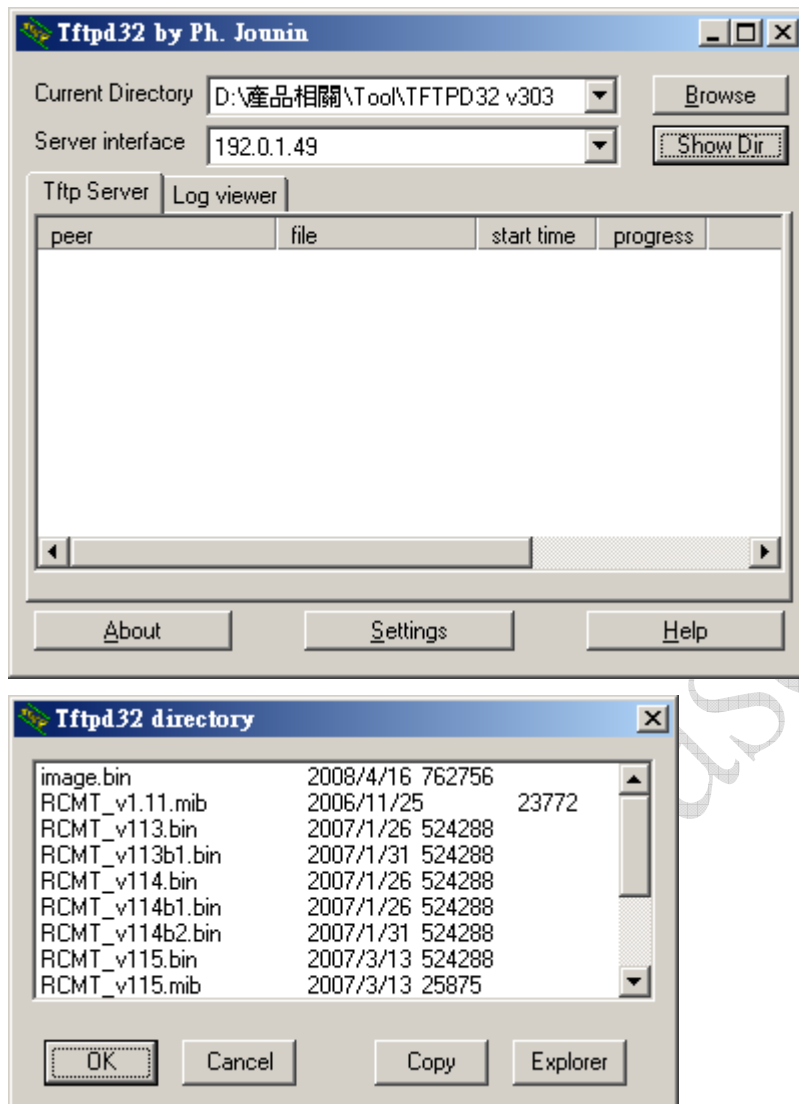MD5 EKI7559_v1.00_k5.03.35.bin = ADC2939CEE44CC818F1048236FB07D5A

Appendix: Procedures for uploading the new firmware

i.   Upgrade the Firmware from Console: *(Upgrade from nOS1.8 to nOS2.0)*

    1. Change your PC ip address to 192.168.16.66/255.255.255.0 and connect to
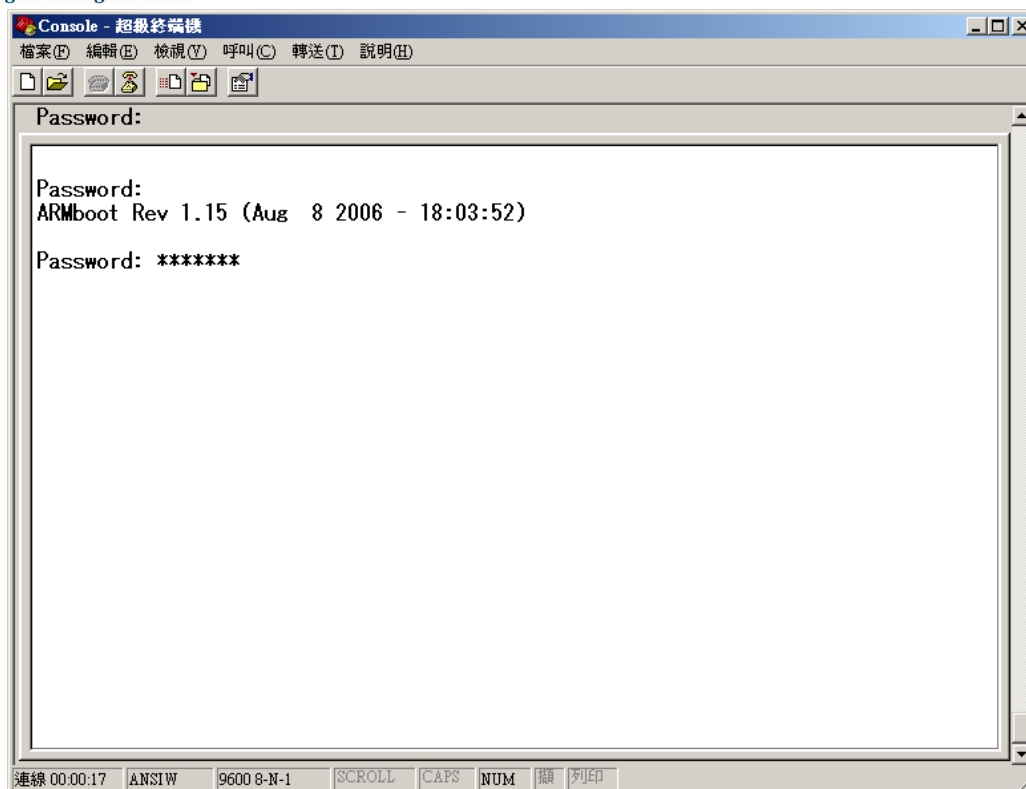
    Switch.

    2. Change firmware file name to image.bin and open TFTP server software

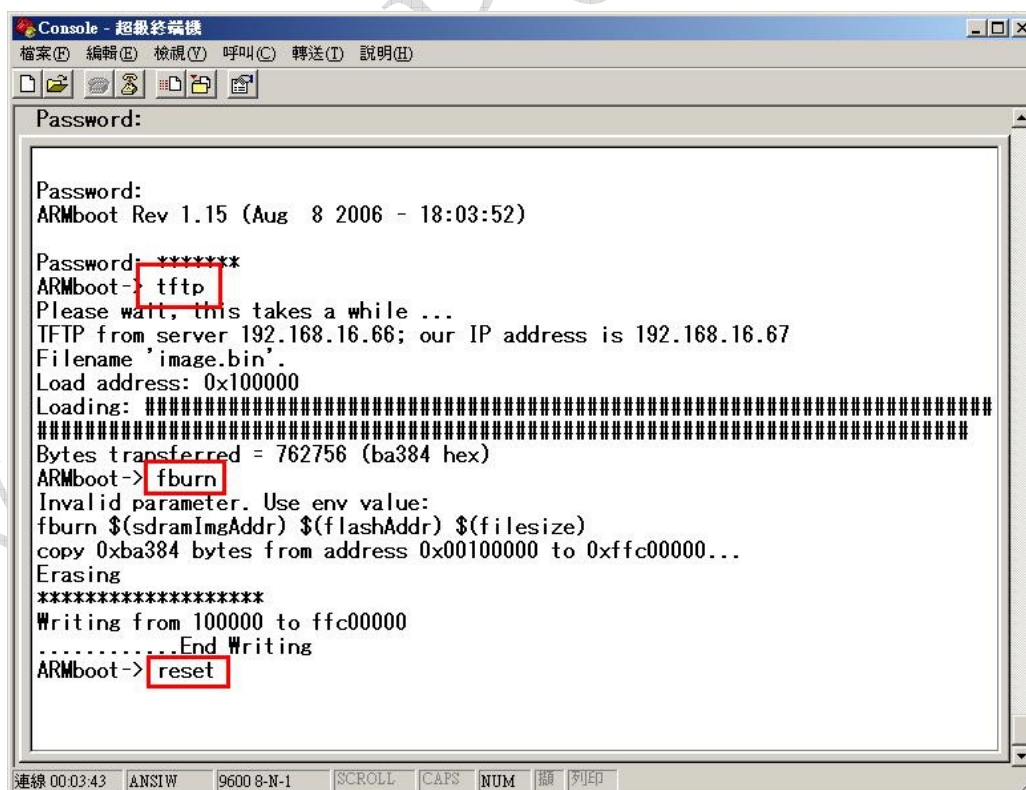   (Image file must indicate to the same directory path)

3. In console screen, hold ESC button and provide power to switch at the same time, please input password "netstar" and press enter button.

4. Input "tftp" and then input "fburn" and then input "reset", after these steps
Switch will boot normally as before.

ii.   Upgrade from GUI→Steps: *(Upgrade from nOS2.0 to nOS2.0)*

◆   Resource requirements:

1. Software – Tftpd 32

2. Firmware bin file.

◆   Update process:

1. Enable Tftpd 32 application

2. Select a file path where your firmware is.

3. Click TFTP Transaction page, then configure the TFTP server IP, firmware file name and click "Apply".

4. After clicking "Apply", your update process will be starting at this time.

5. When you see below snapshot, it means your update process is done.

System Reboot

Please click [**Reboot**] button to restart switch device.

Reboot

6. After reboot, please executive factory default and reboot again.