

Advantech Corporation**EKI-6559TMI****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

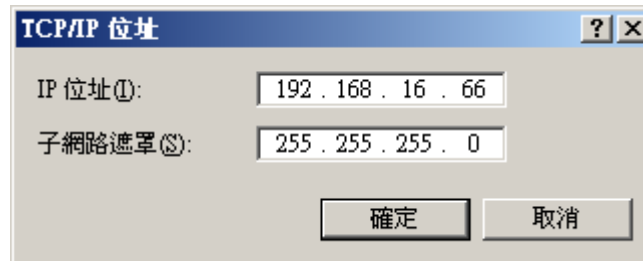
iv. MD5 checksum

MD5 EK16559TMI.mib = B70999A6380F0908D75FFA228FF31B6B

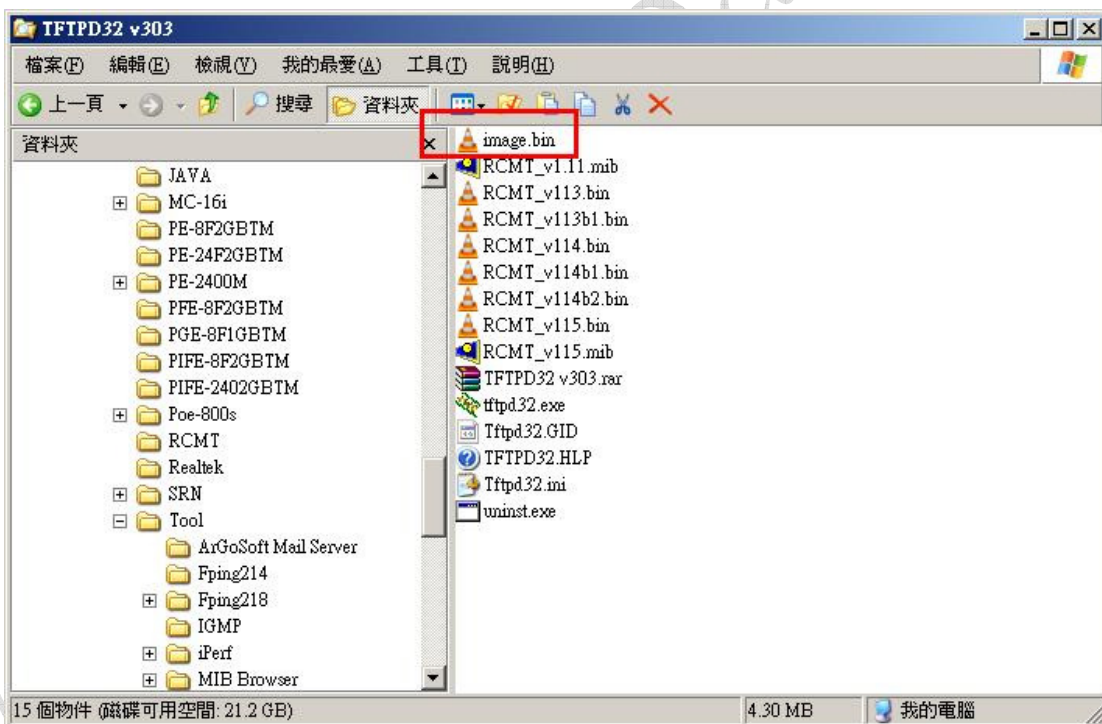
MD5 EK16559TMI_v1.00_k5.03.35.bin = 23BE9C4BF46E80F2551EC38F5DB07FF0

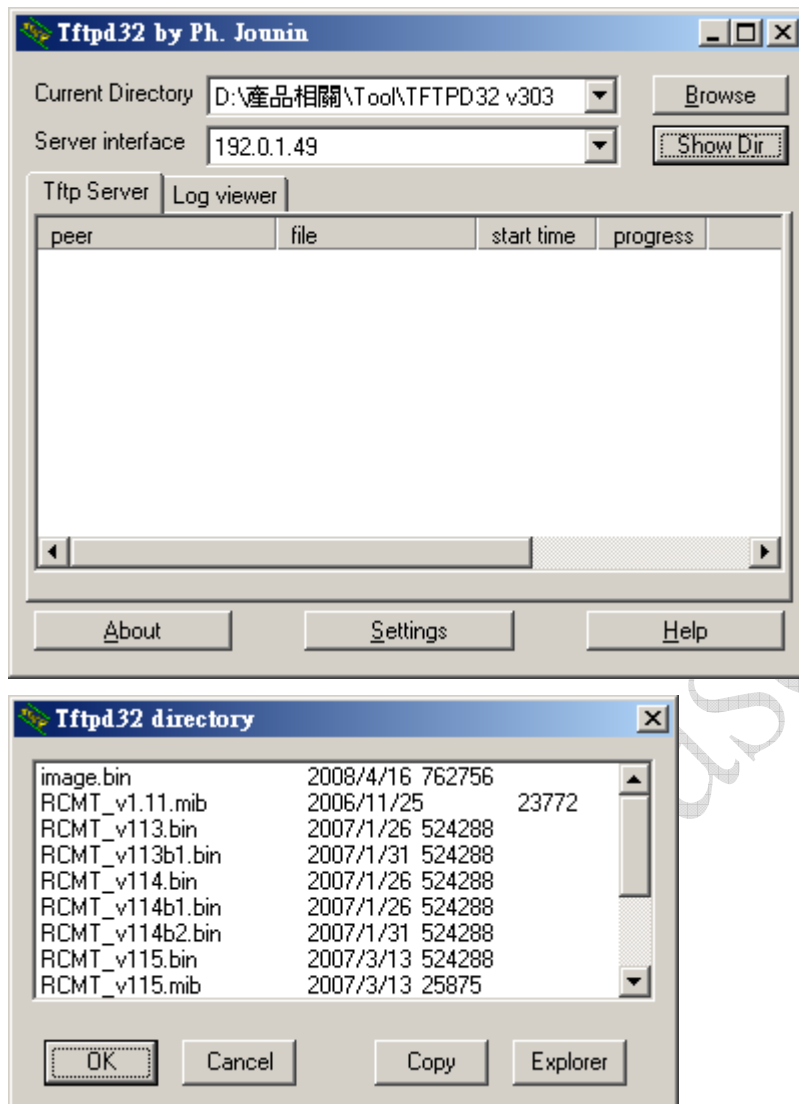
Appendix: Procedures for uploading the new firmware

- 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.

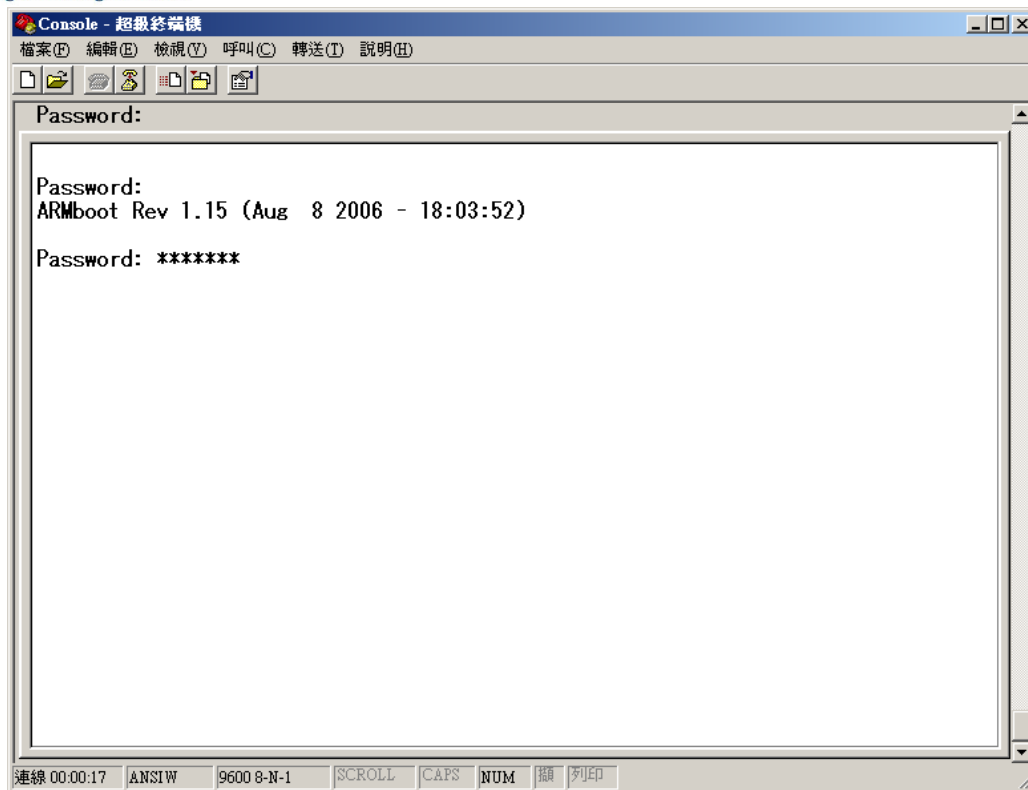


2. Change firmware file name to image.bin and open TFTP server software (Image file must indicate to the same directory path)

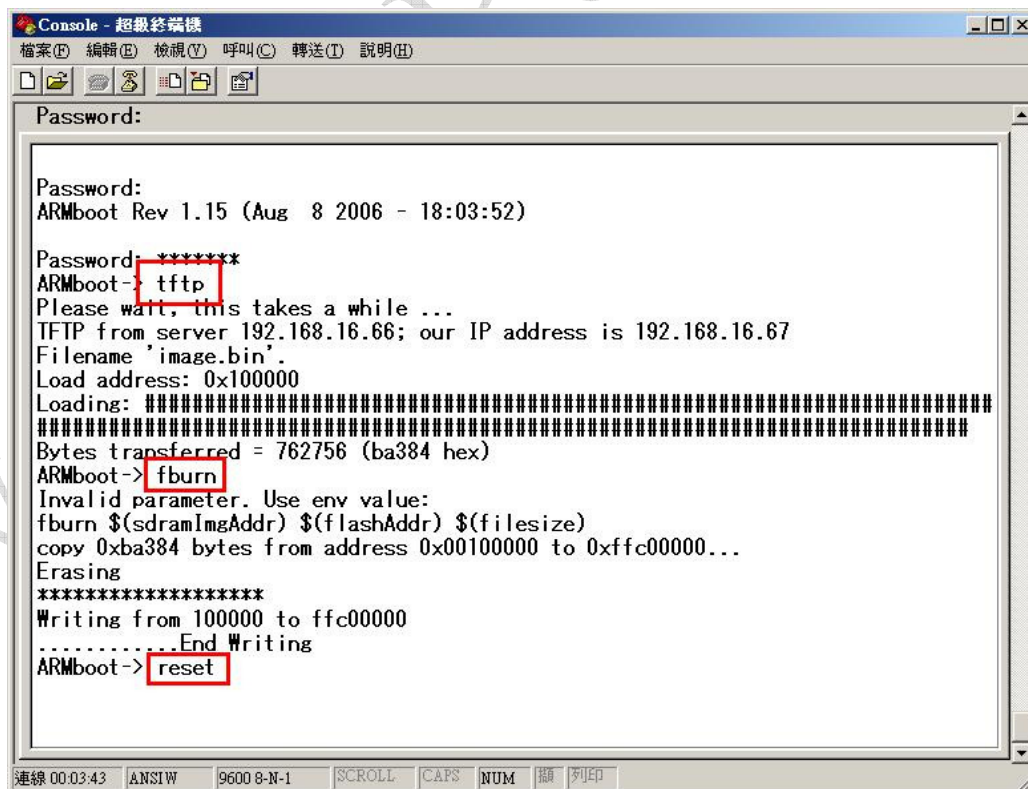




3. In console screen, hold ESC button and provide power to switch at the same time, please input password "netstar" and press enter button.



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.



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