

**Advantech Corporation****EKI-7659CPI****Release Note**

- **Firmware version: v1.00 kernel version: k 5.03.36**

|                       |              |
|-----------------------|--------------|
| <b>Release Date</b>   | 2015/01/23   |
| <b>Engineer</b>       | Jin.Xin      |
| <b>Final Approval</b> | JasonC.Chiou |

## **I. Release Brief**

Firmware Version: v1.00

Kernel Version: k5.03.36

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.
- n. Fix un-plug PD frequency causing stop supply power bug.

### **iii. The known unfixed issues**

N/A

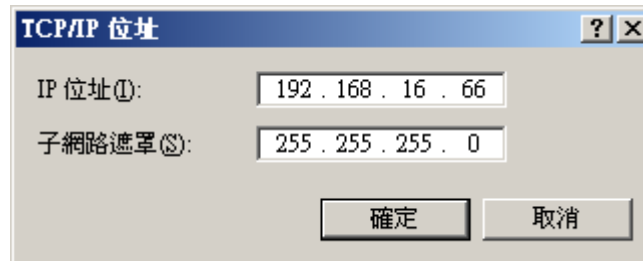
### **iv. MD5 checksum**

MD5 EK17659CPI.mib = BCCAF49A458B5AA92A9F5DB047A1786D

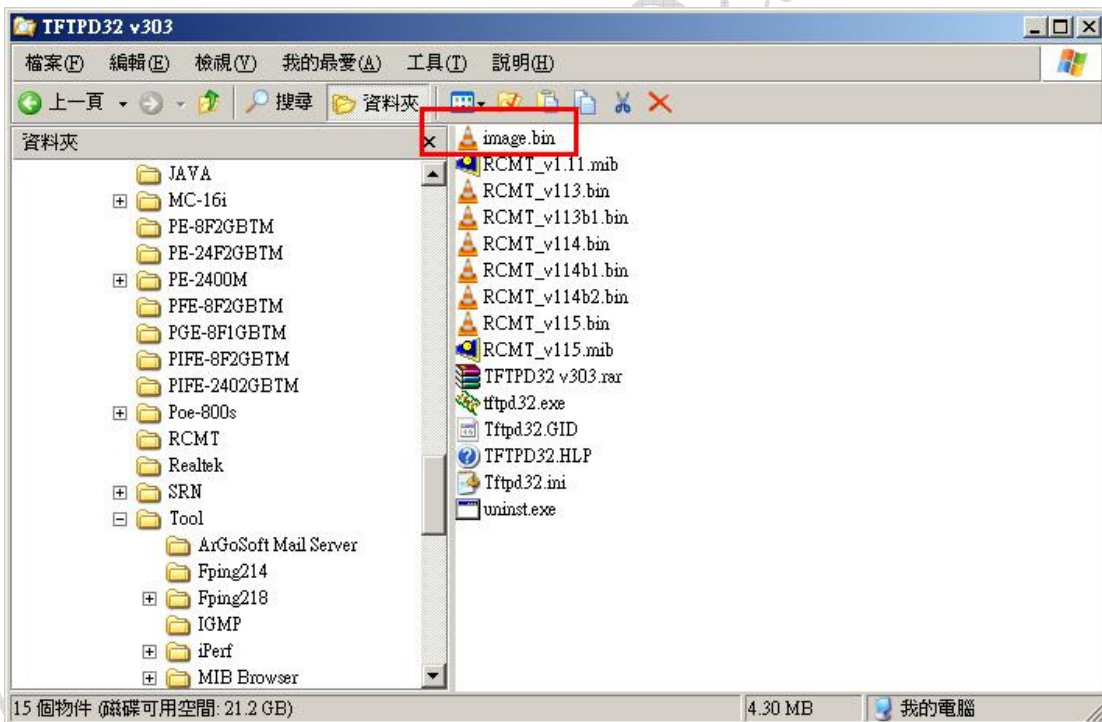
MD5 EK17659CPI\_v0100\_k050336.bin = 5560C87E38808941883D931F1D66A9A0

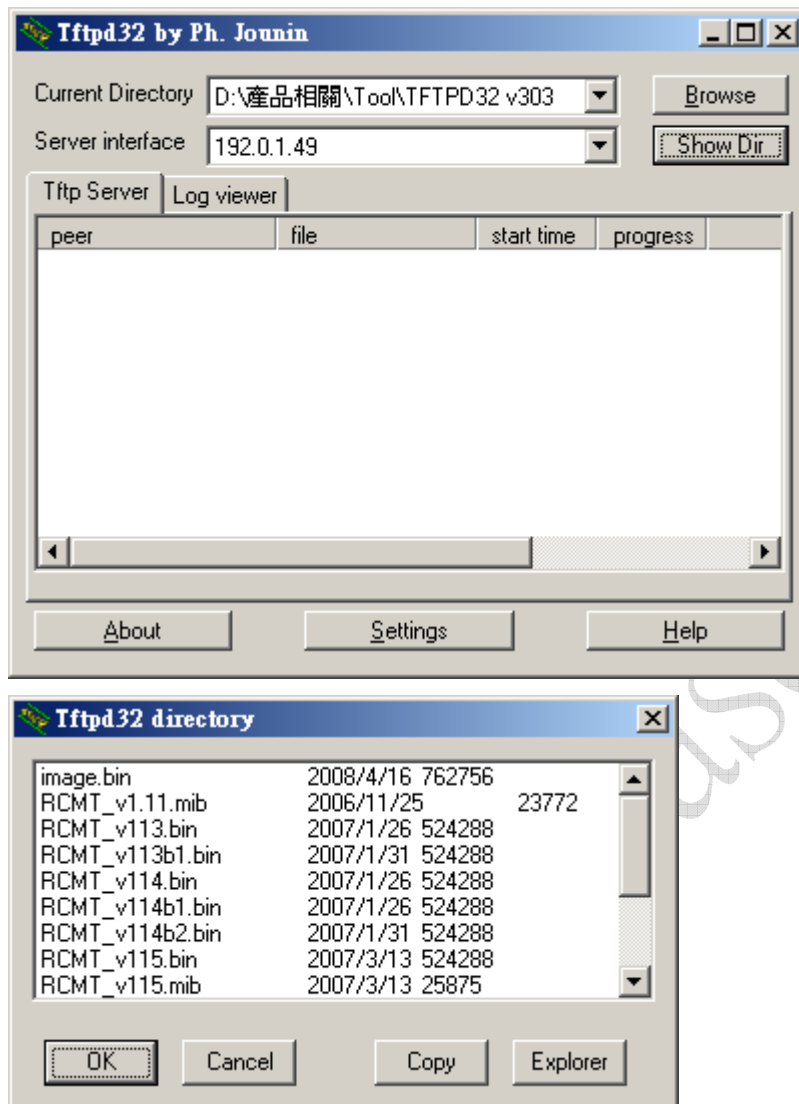
## Appendix: Procedures for uploading the new firmware

- 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.

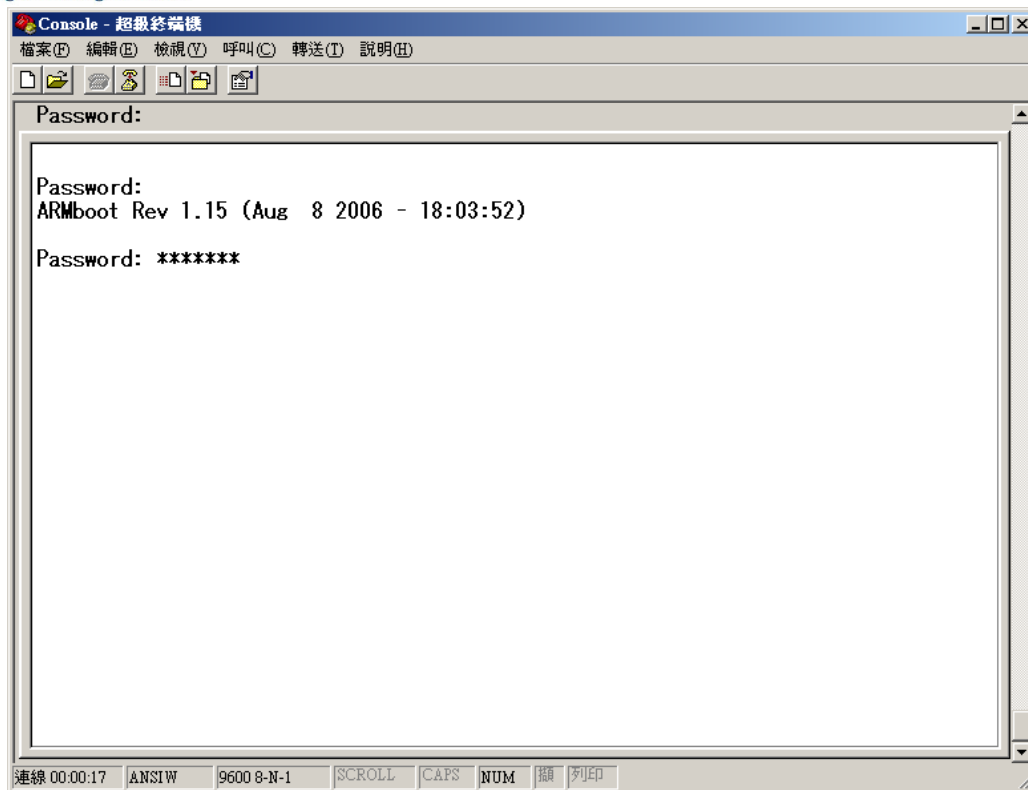


2. Change firmware file name to image.bin and open TFTP server software (Image file must indicate to the same directory path)

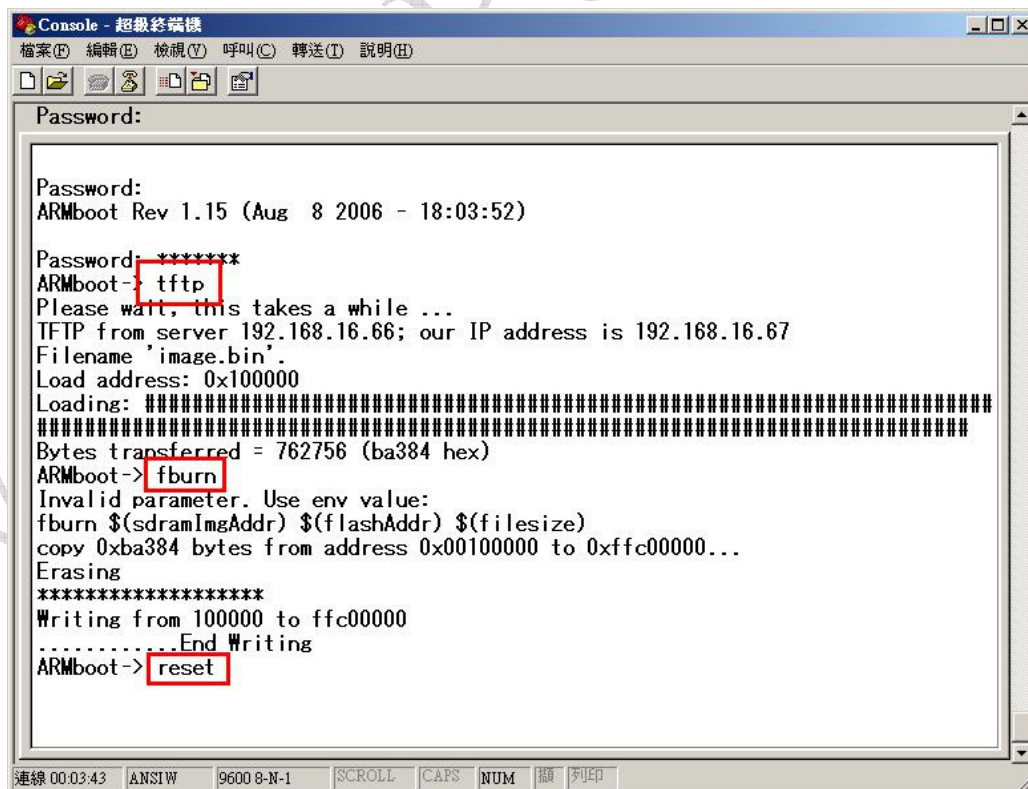




3. In console screen, hold ESC button and provide power to switch at the same time, please input password "netstar" and press enter button.



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.