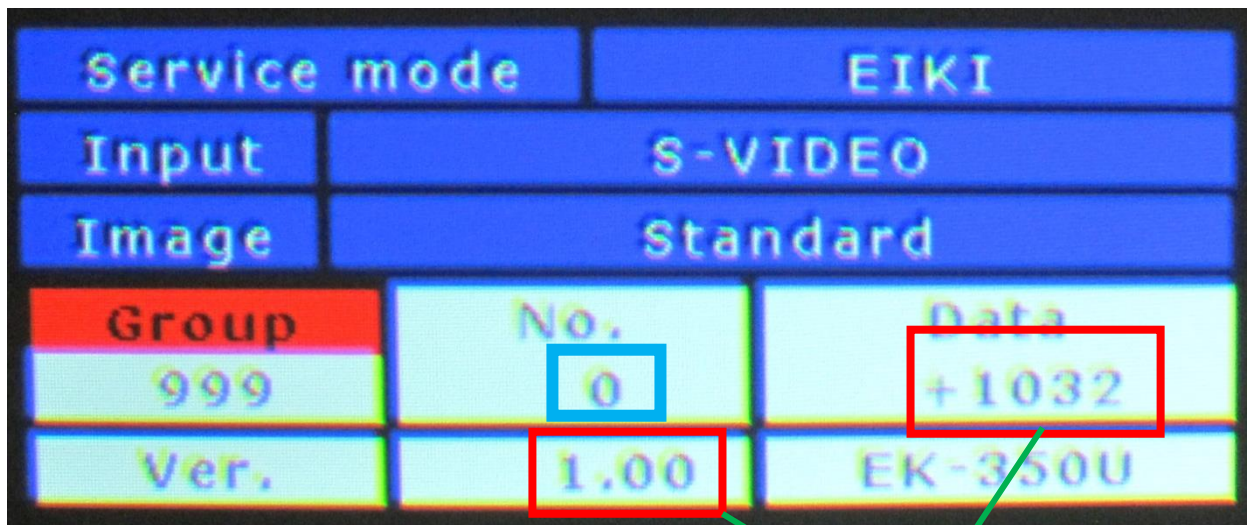# SOP for Updating FW V1.00_1036 for EK-350U

## Procedure

1. Check the original FW version of the projector
2. Install USB driver to PC
   (once required for each PC)
3. Updating FW V1.00_1036 to projector
4. Initializing the projector

## 1. Check the original FW version of the projector
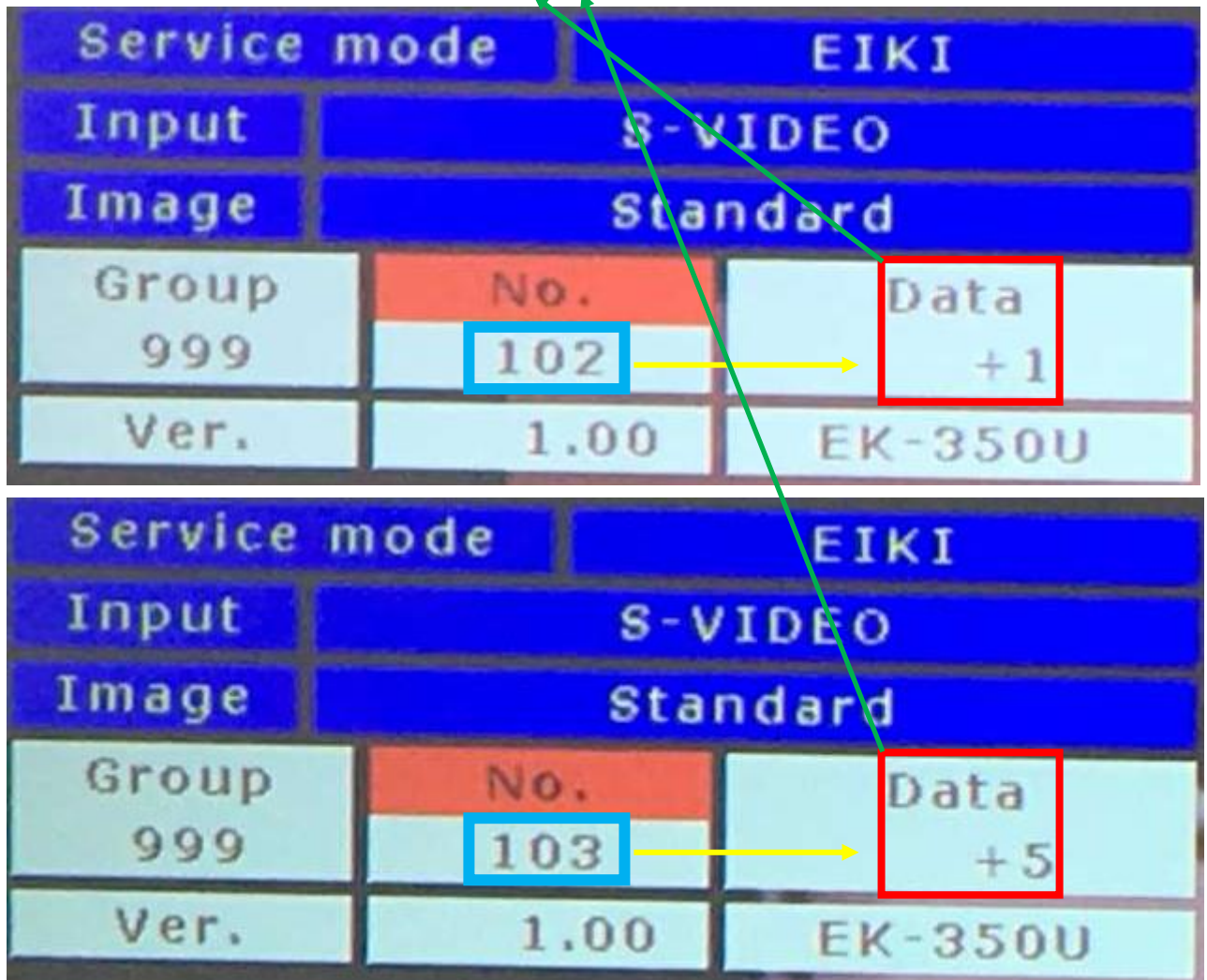
### *Main FW Version check*

1. Please wait to Power LED in steady light Green
2. Press [Menu]+[Right] simultaneously more than 5 Seconds to Show Service menu For FW Version.





3. If shown as above picture, Main FW Version is [V1.00_1032] Please write it down in your notes.

### *Sub_CPU FW Version check*

4. Press [Menu] to select "No." and Press [Up] or [Down] to select No. "102".
   Check Data (In below picture, it is "+1")
5. Press [Menu] to select "No." and Press [Up] or [Down] to select No. "103".
   Check Data    (In below picture, it is "+5")
5.  Sub-CPU FW Version is "102"+"103".
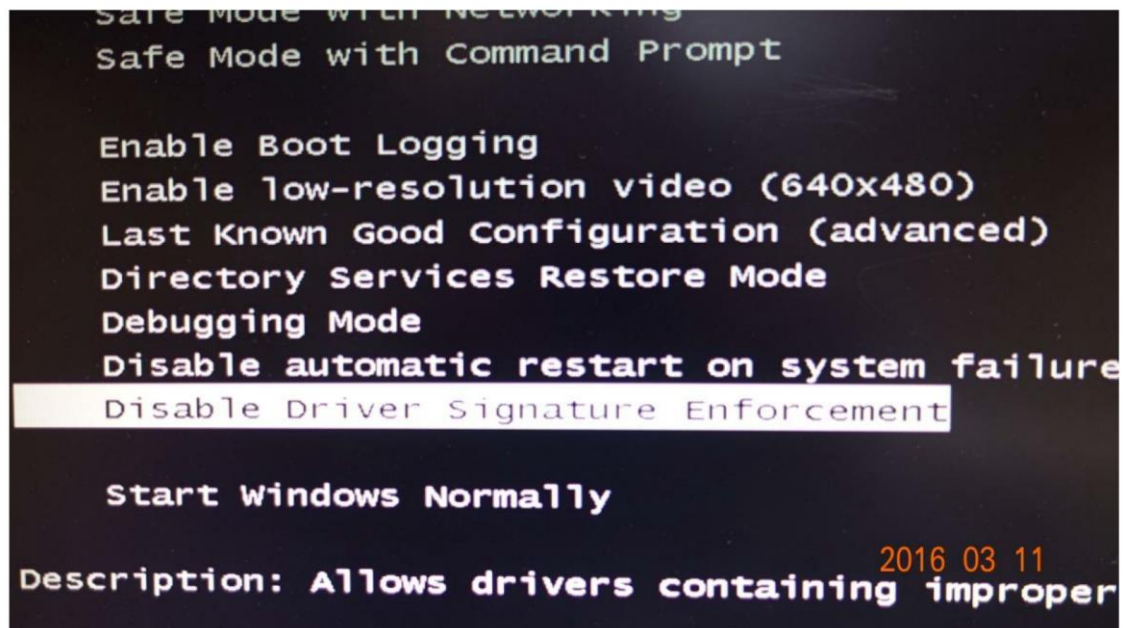    If shown as below picture, it is [V1.05]
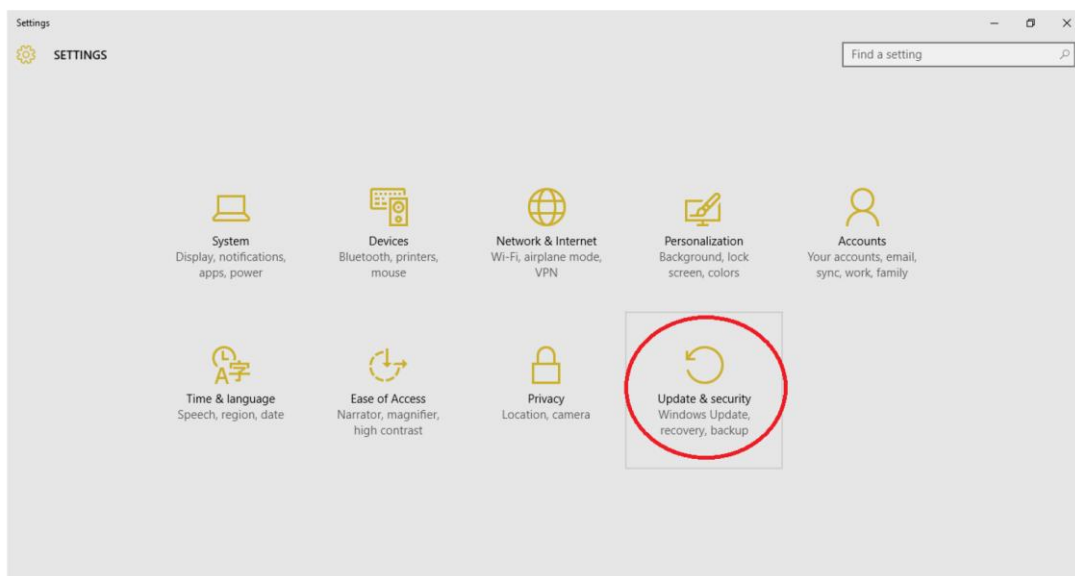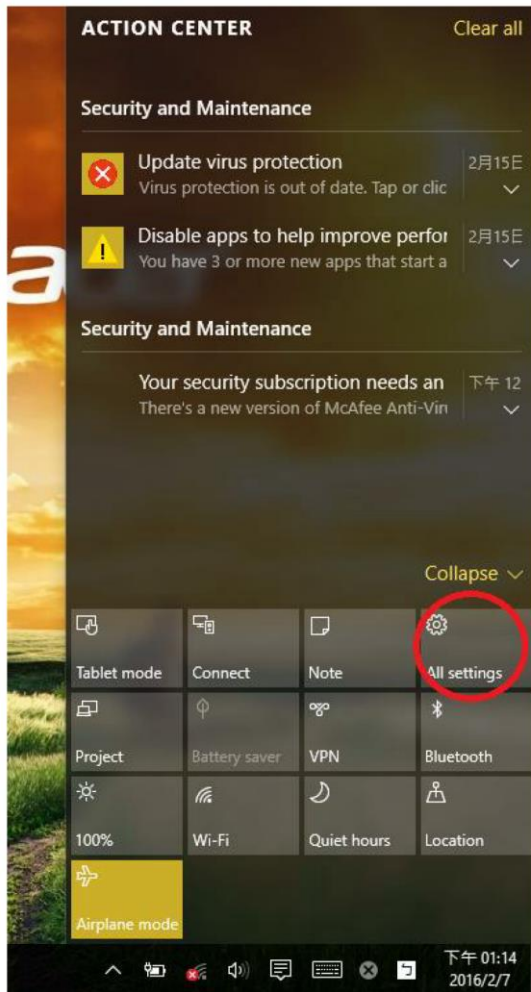


End.

## 2. Install USB driver to PC

**Windows 7 x64**

1. Reboot PC

2. Keep pressing F8 to get in the Advanced Boot Option page

3. Select the "Advanced Boot Options" to choose "Disable Driver Signature Enforcement".
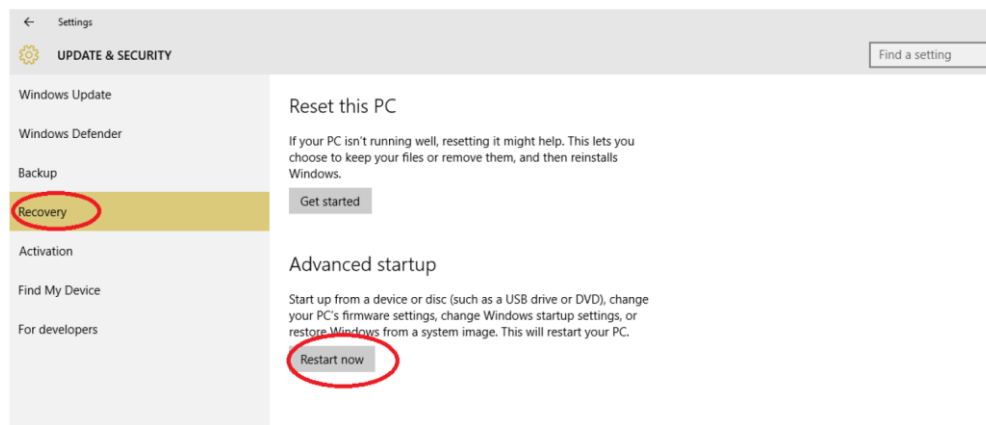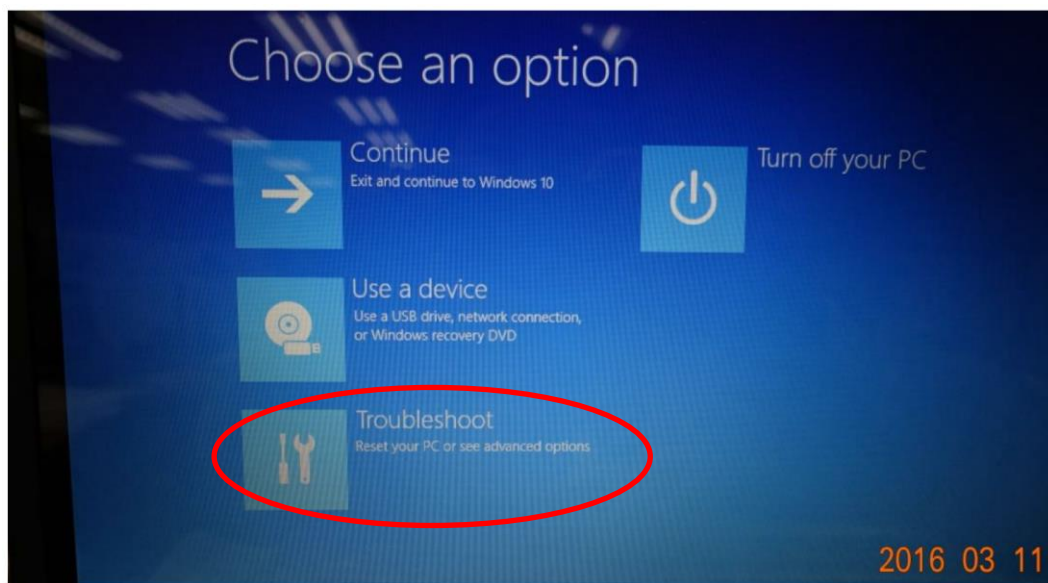
## Windows 10 X64

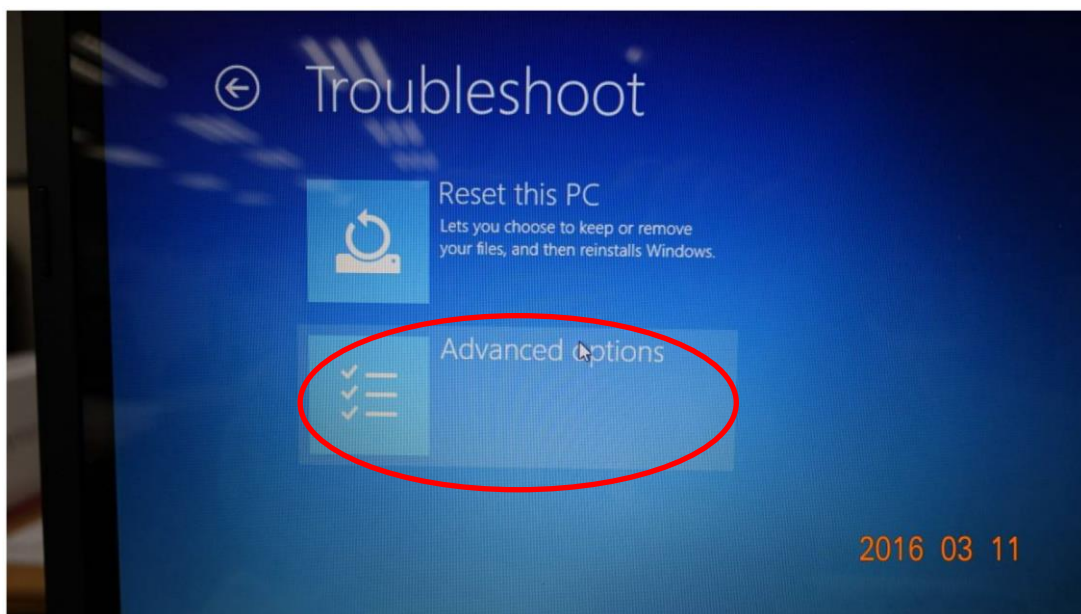1. Select [Settings] and [Update&security]

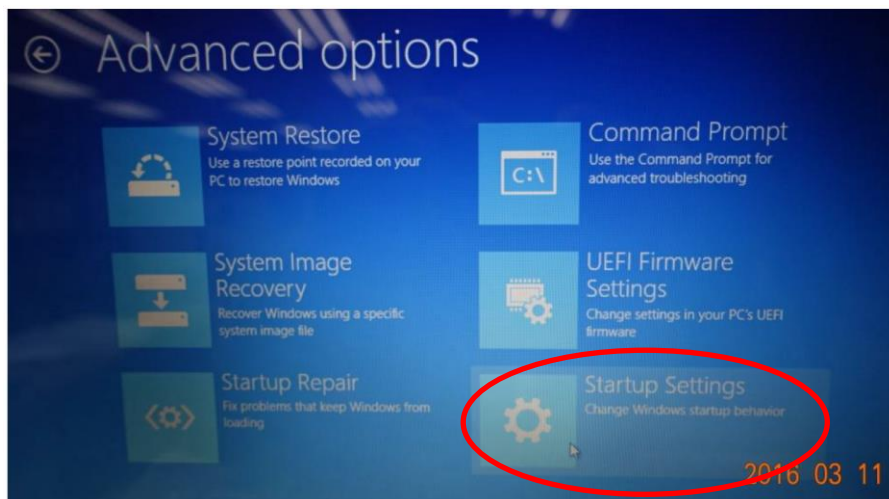2. Click [Restart now] from Recovery



3. Click [Troubleshoot]
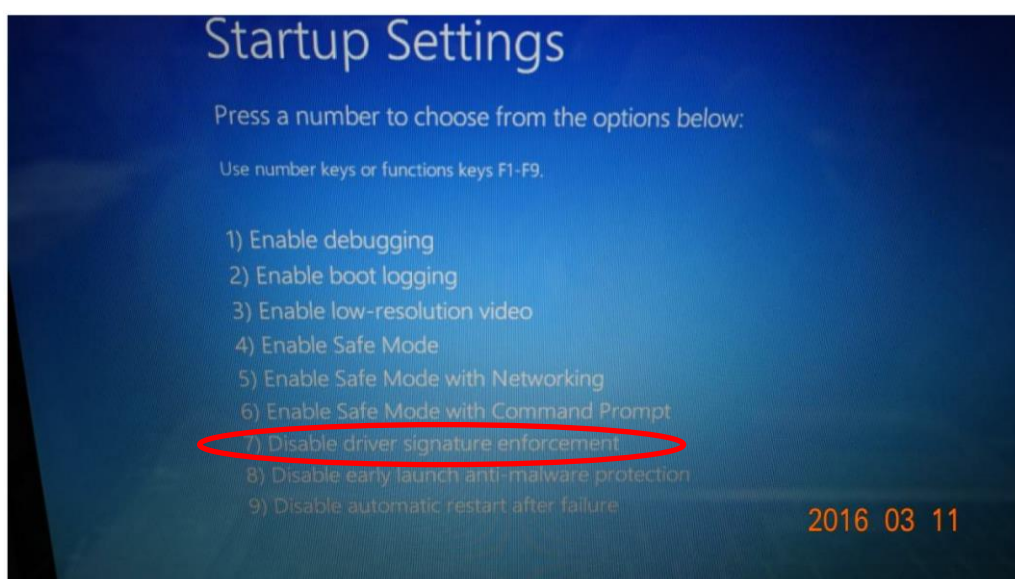


4. Click [Advanced Options]

5. Click [Startup Settings]



6. Click [Restart]



7. Press [F7] to choice "Disable driver signature enforcement"

□ **Setup projector in F/W downloading mode**

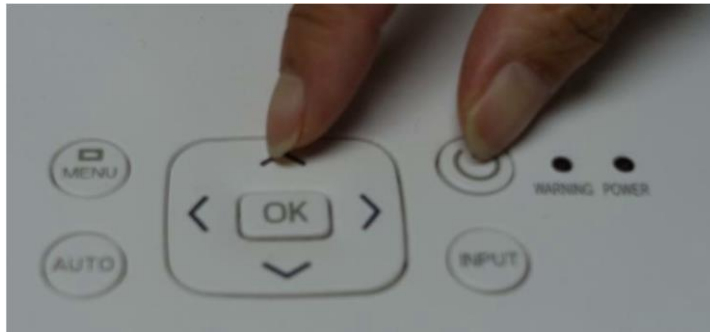1. Press [Power] + [UP] simultaneously



Image is different
from EK-350U

2. Plug-in power code



Image is different
from EK-350U

3. Keep press [power + up] button until warning LED in <u>steady</u> light and power LED in <u>flashing</u> light. (For EK-350U, until power LED is flashing light or steady light)



Image is different
from EK-350U

4. Connect a USB Type A – B cable to desktop/laptop(For EK-350U, USB-A　micro USB cable)
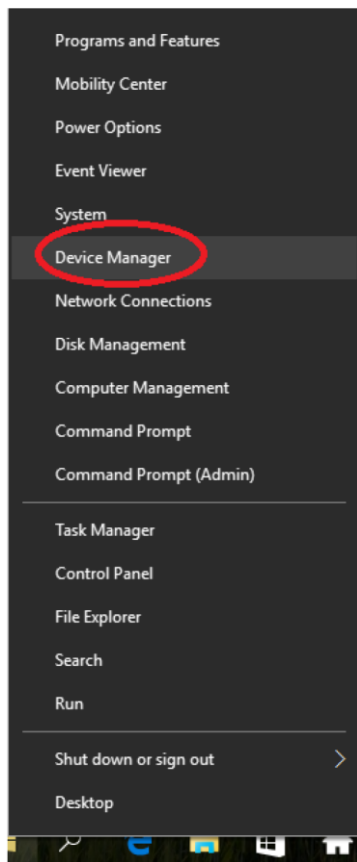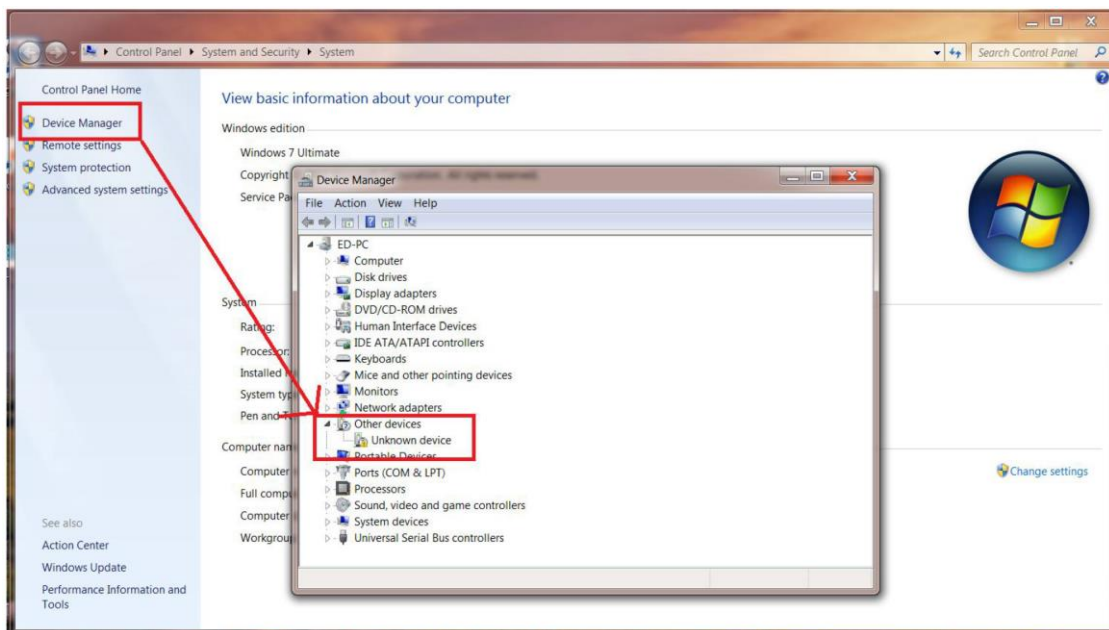


Image is different
from EK-350U

5. Open [Device Manager]

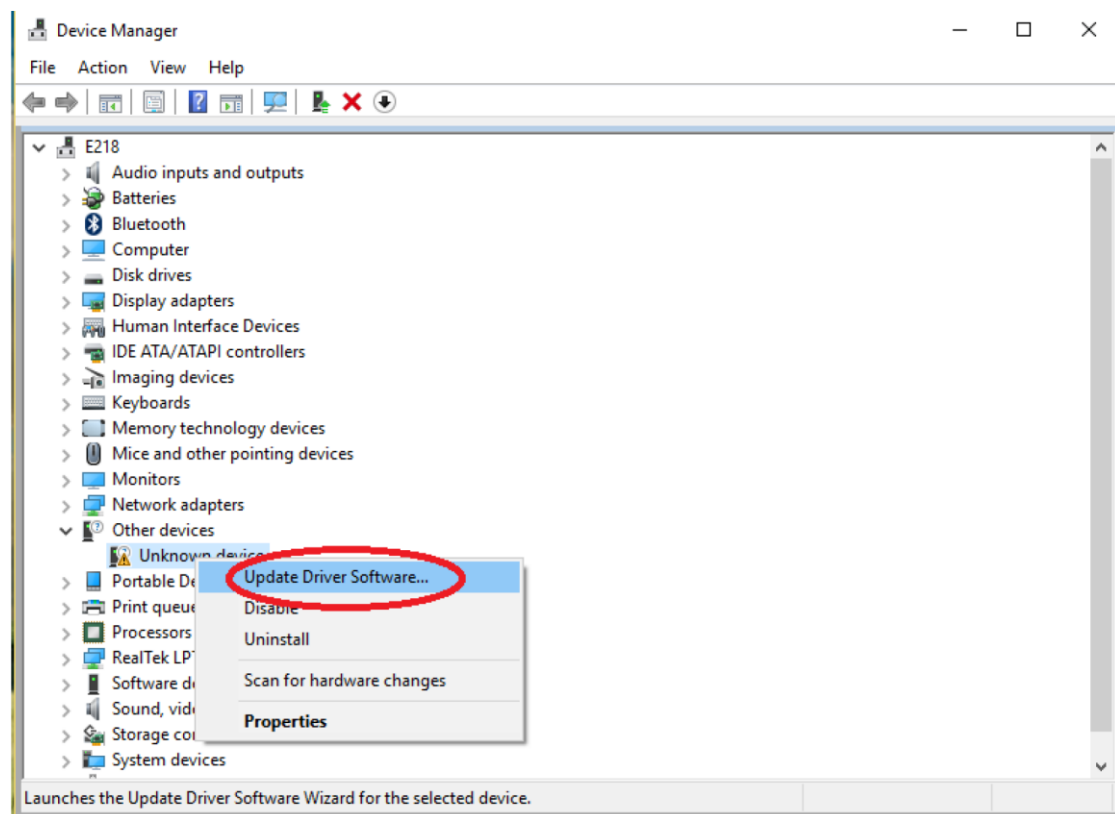   Depending on the OS setting, there may be difference in view or how to start.
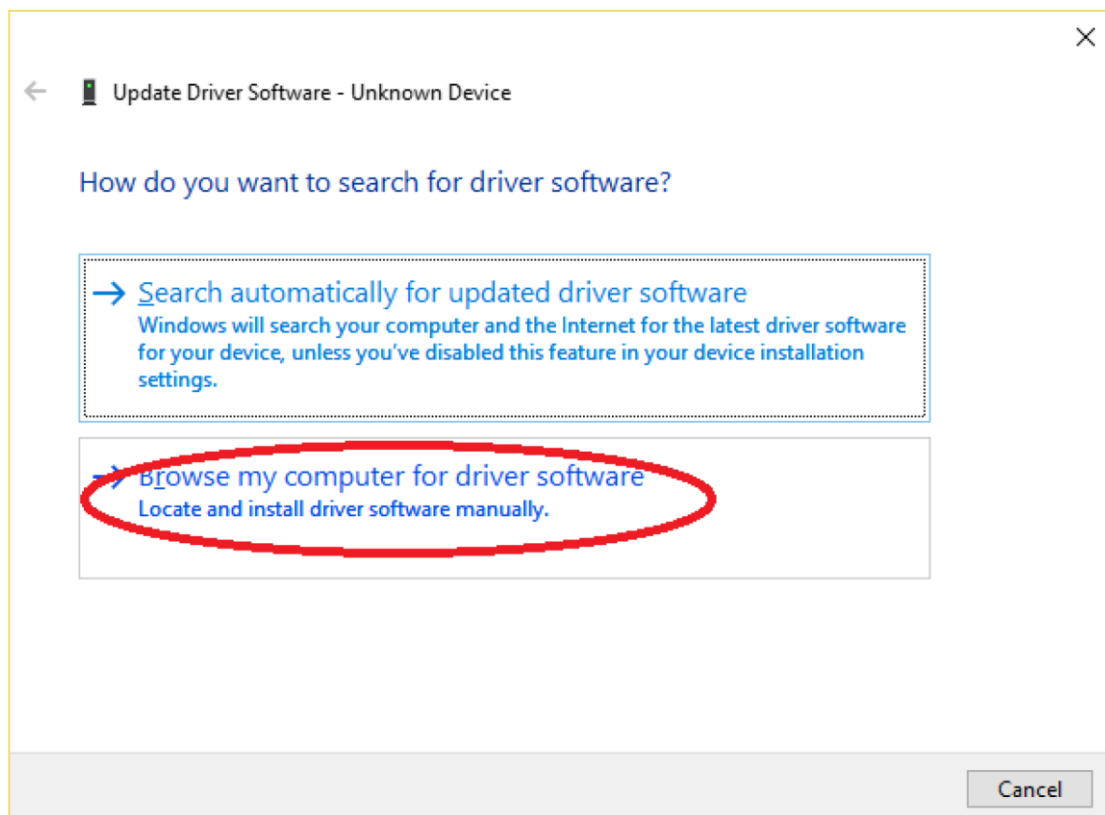
**Windows 10**



**Windows 7**

6. Update Driver Software from right click of mouse
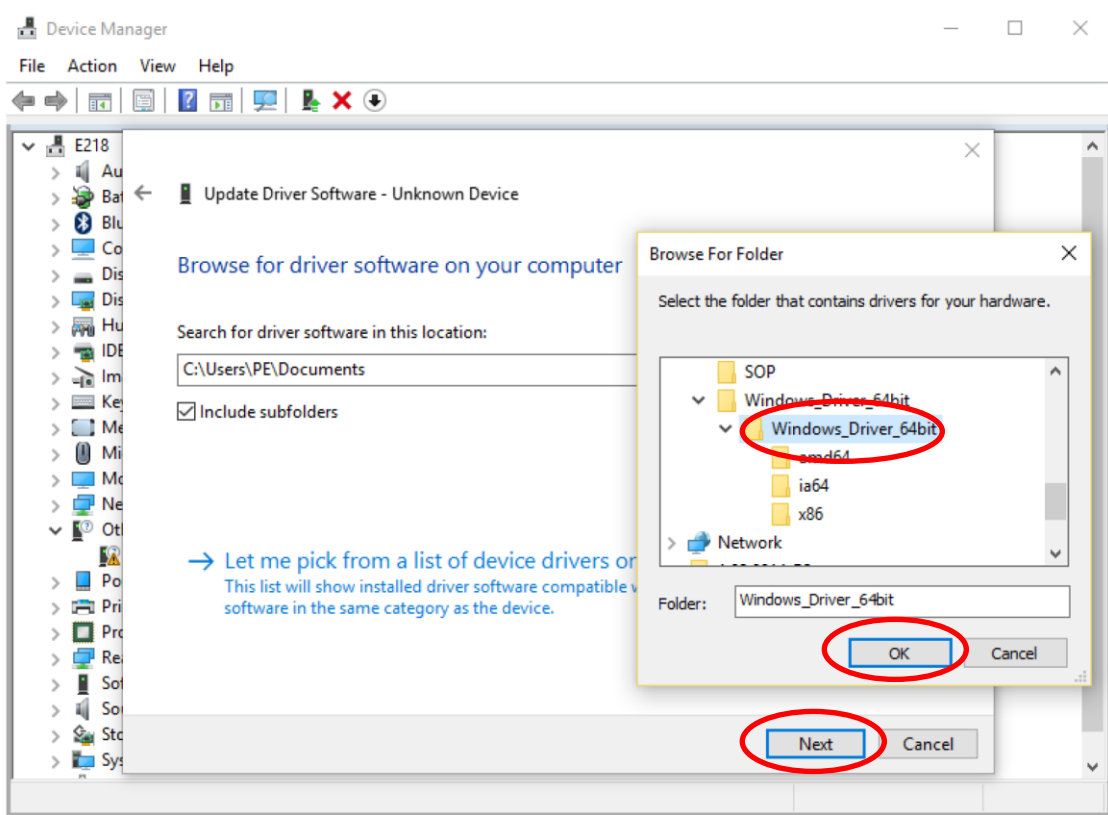


7. Select [Browse my computer for driver software]

8. Browse for driver software on your computer

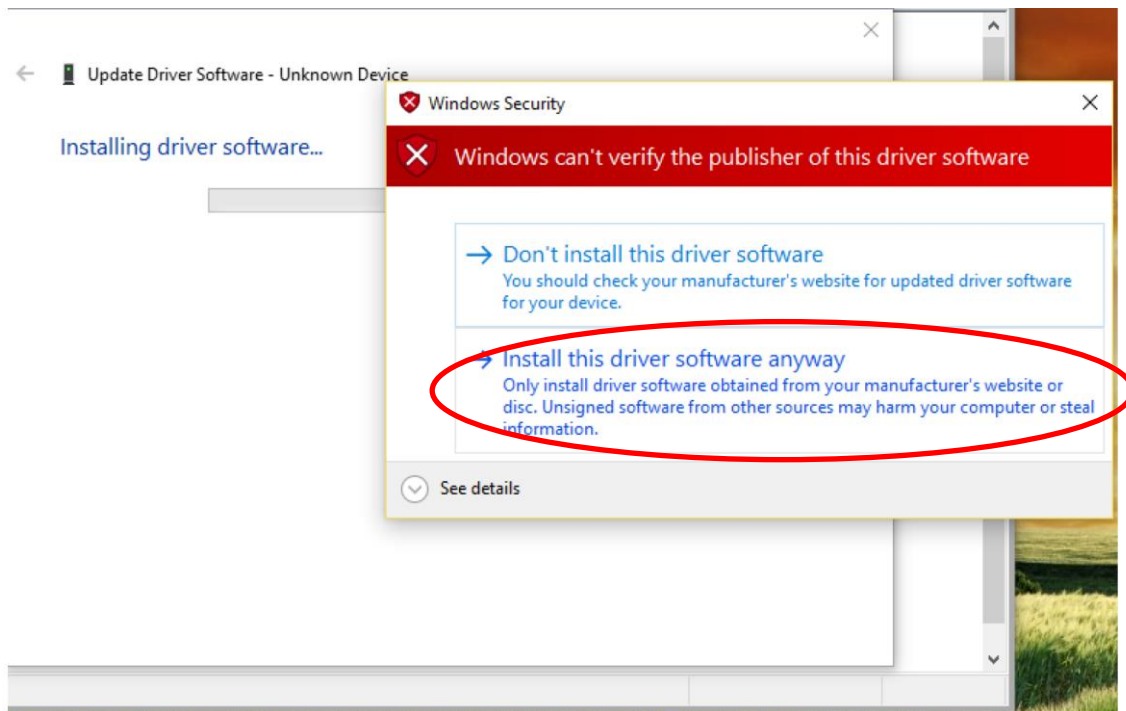   Please select the path: "…¥Windows_Driver_64bit" that we have provided.
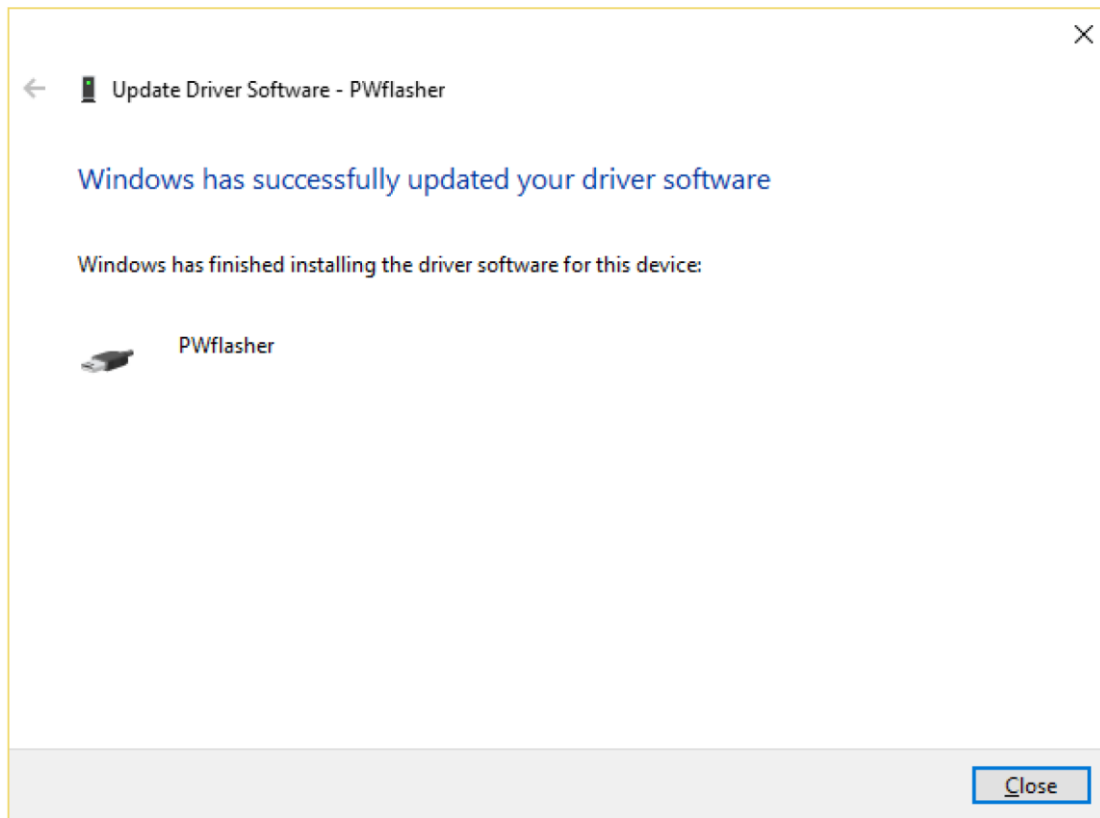
   Click [Next]



9. It should popup warning messages.

   Click "Install this driver software anyway"

10. Install successfully.



This driver installation only needs to do once for each desktop/laptop

# 3. Updating FW V1.00_1036 to projector

☐  **Setup projector in F/W downloading mode**
 (If you continue from "2. Install USB driver to PC", you can pass the steps 1 through 4.)


1. Press [Power] + [UP] simultaneously



Image is different
from EK-350U

2. Plug-in power code



Image is different
from EK-350U

3. Keep press [power + up] button until warning LED in steady light and power LED in flashing light. (For EK-350U, until power LED is flashing light or steady light)


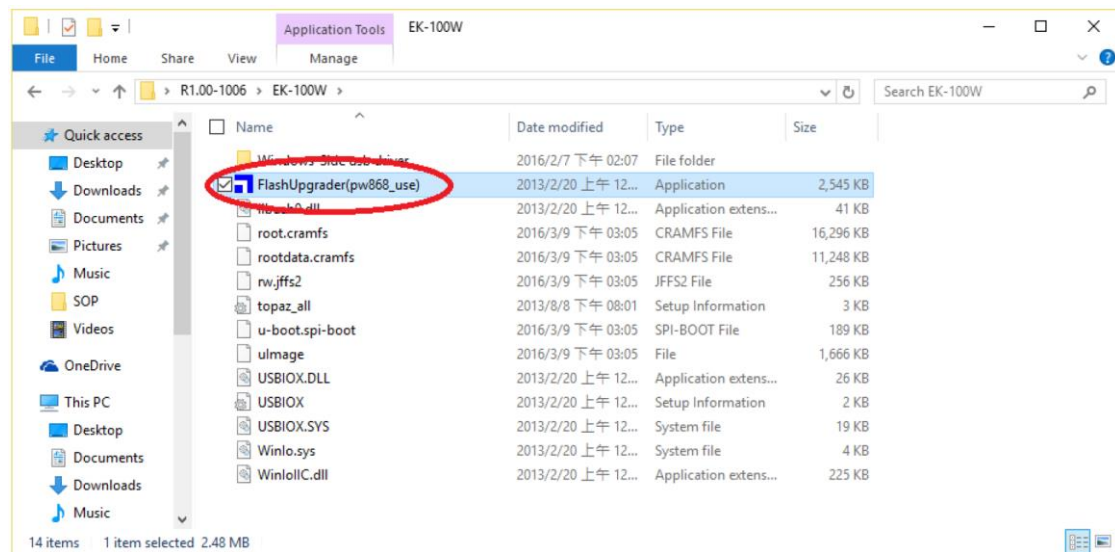
Image is different
from EK-350U

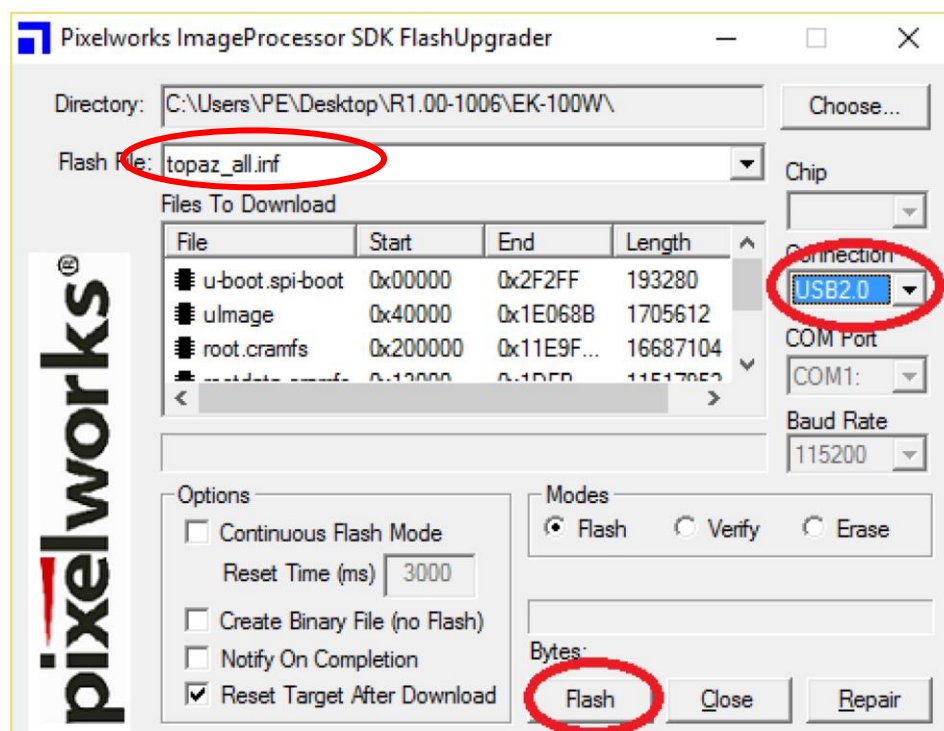4. Connect USB Type A – B cable to desktop/laptop (For EK-350U, USB-A – micro USB cable)



Image is different
from EK-350U
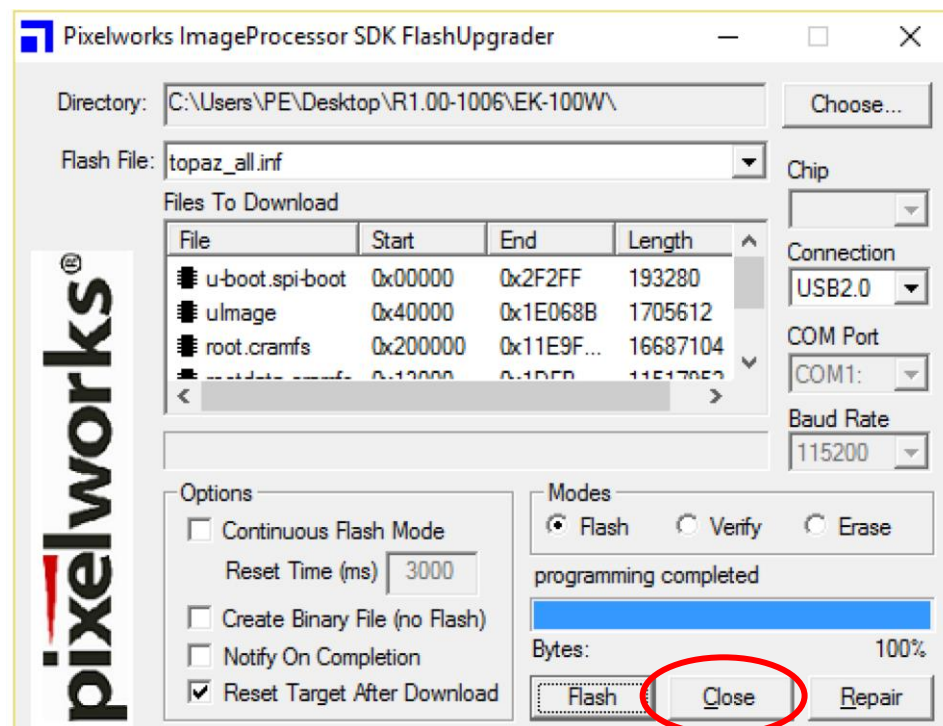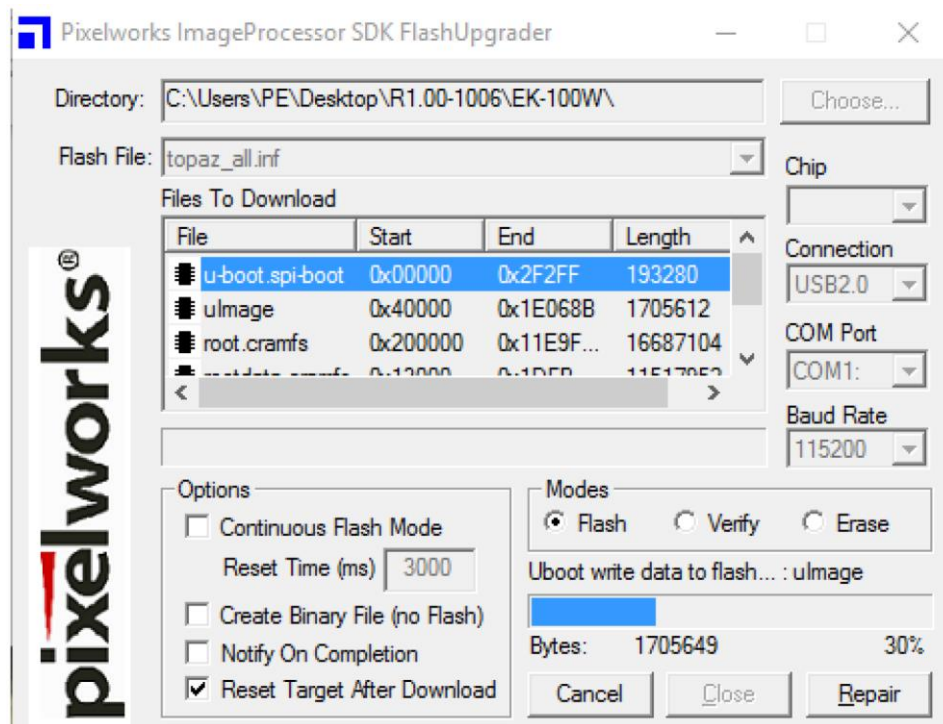
□ **Start updating F/W**

5. Launch FlashUpgrader(pw868_use) from folder



6. Select "topaz_all.inf" and "USB2.0", and then press Flash

7. It will start to upgrade and just wait a few minutes



8. Press "Close" button to finish the process when updating is completed.

9. Unplug USB cable

10. Done.

# 4. Initializing the projector

1.Turn on Projector

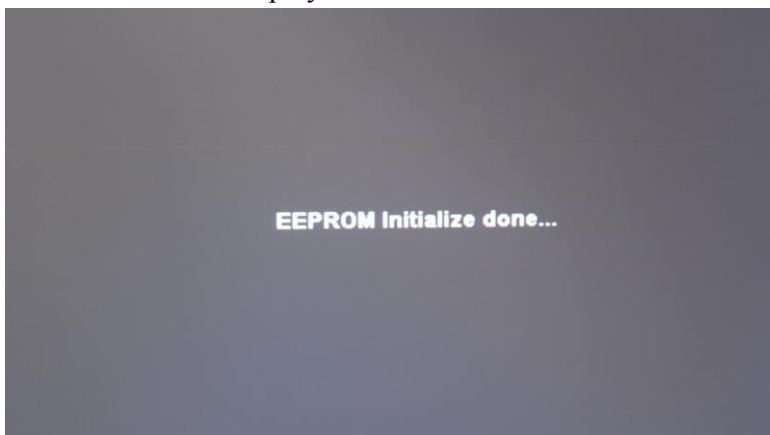2.Press [Power] + [Down] simultaneously



Image is different
from EK-350U

3. Keep press [power + down] button until Warning/Power LED in steady light



Image is different
from EK-350U

4. The screen will display "EEPROM Initialize done…"



**5.** Please wait to Power LED in steady light Green

**6.** Press [Menu]+[Down] simultaneously

Image is different
from EK-350U

7. Press [Menu] to select "Group" and Press [Up] or [Down] to select Group "200".
Press [Menu] to select "No." and Press [Up] or [Down] to select No. "0". Press [Menu]
to select "Data" and Press [Up] or [Down] to select Data "+1" (For LOGO)



8.Press [Menu] and [Up] and [Down] to select Group 200 No.60 Data to "+1". (For Language)



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9. Press [Power] once to close Service menu.

10. Press [Power] twice to Projector off.



Image is different from EK-350U

11. Please plug off the power cord and then plug in once.
   Then Press [Power] to power on & double check.

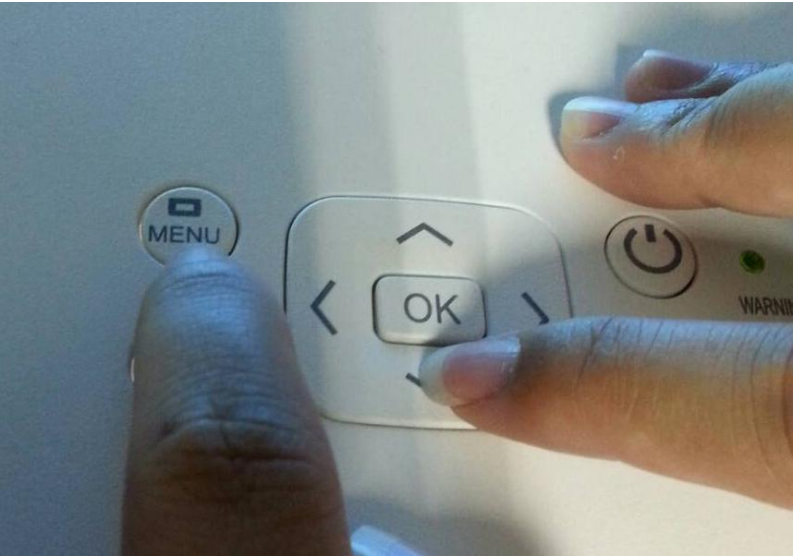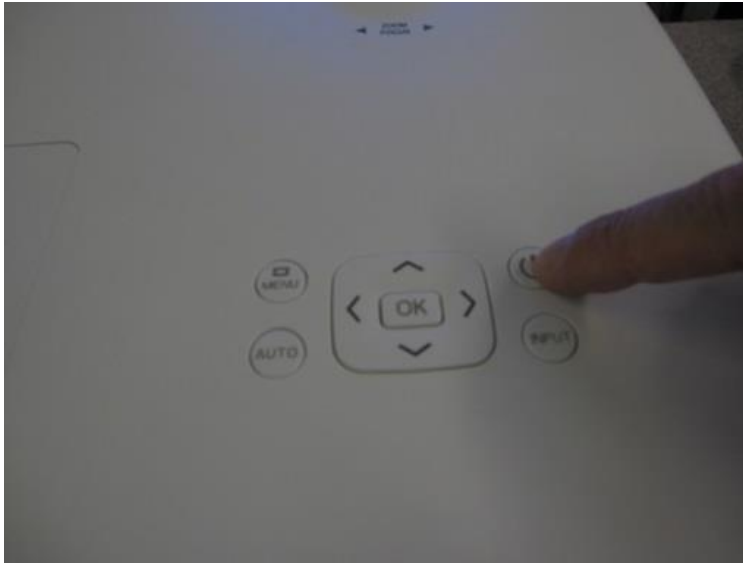**12.** Press [Menu]+[Down] simultaneously



Image is different from EK-350U

13. Press [Menu] to select "Group" and Press [Up] or [Down] to select Group "200"
    Press [Menu] to select "NO"." and Press [Up] to "51".

# Please check the original FW version:

(1) If the projector's original FW version is V1.00_1020 ~ V1.00_1032 :

   Please set Group 200,NO51,Data →  select 0

   (Press [Menu] to select "Data" and Press [Up] or [Down] to "+0".)



(2) If the projector's original FW version is V1.00_1035 :

   Please set Group 200,NO51,Data →  select 1

   (Press [Menu] to select "Data" and Press [Up] or [Down] to "+1".)



14. Press [Power] to exit.

15. Press [Power] twice to Projector off.

16. Please plug off the power cord and then plug in once.
    Then Press [Power] to power on & double check.

    Done.