Because it matters

BenQ-PointWrite 2.0 Dual Screen Setup

Compatible with PW40U/PW30U

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Dual Screen set-up step

1. Download Dual screen driver from BenQ website
2. Surface Setup
3. Camera Installation on Projector(please refer to corresponding PointWrite User Manual)
4. Projector Alignment
5. Connection Setup
6. Display Setting for master screen/extend screen
7. Camera Configuration setting
8. Alignment View check and Calibration
9. QWrite Dual Screen Mode Setting
10. Start for dual screen projection

Where to download BenQ-PointWrite 2.0 Dual Screen driver

① Go to BenQ Display Website https://business-display.benq.com/en/index.html
Find Product →Projector→Accessory

② Search PW40U or PW30U
Go to "Download Page"to download PointWrire 2.0 Dual screen driver

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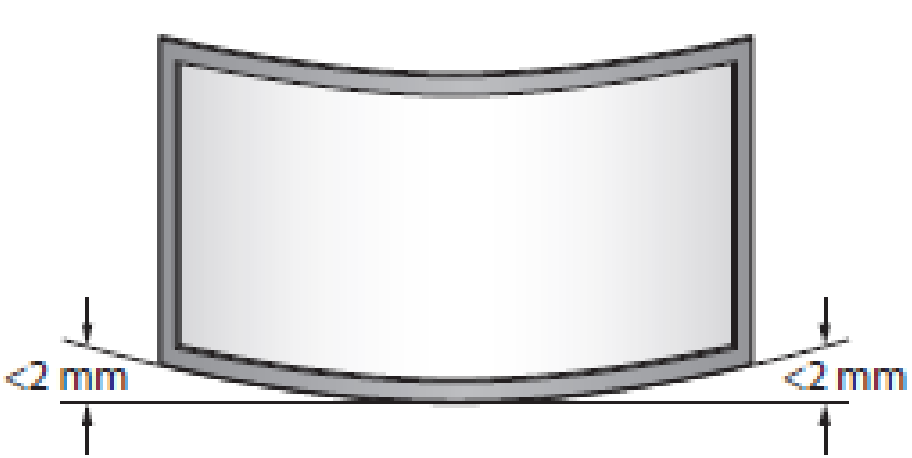
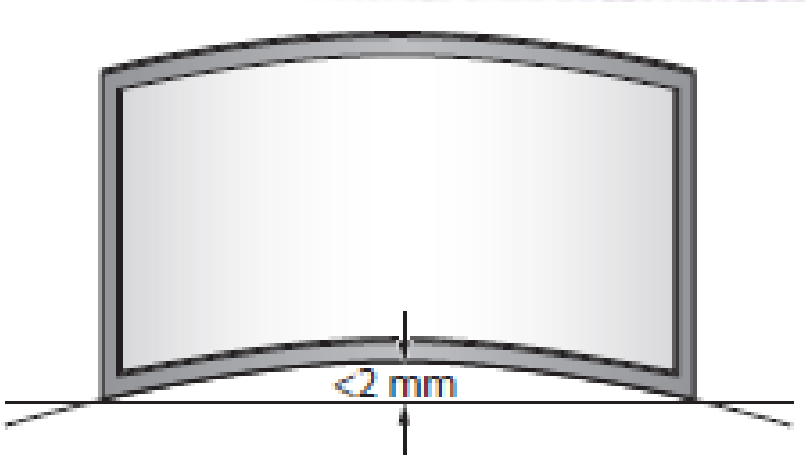
Surface condition

- You can install the interactive projector so the projected image falls on a wall surface or an existing dry-erase board. Ensure you choose a surface that is smooth, flat and has no protruding objects.

Surface even tolerance 2mm





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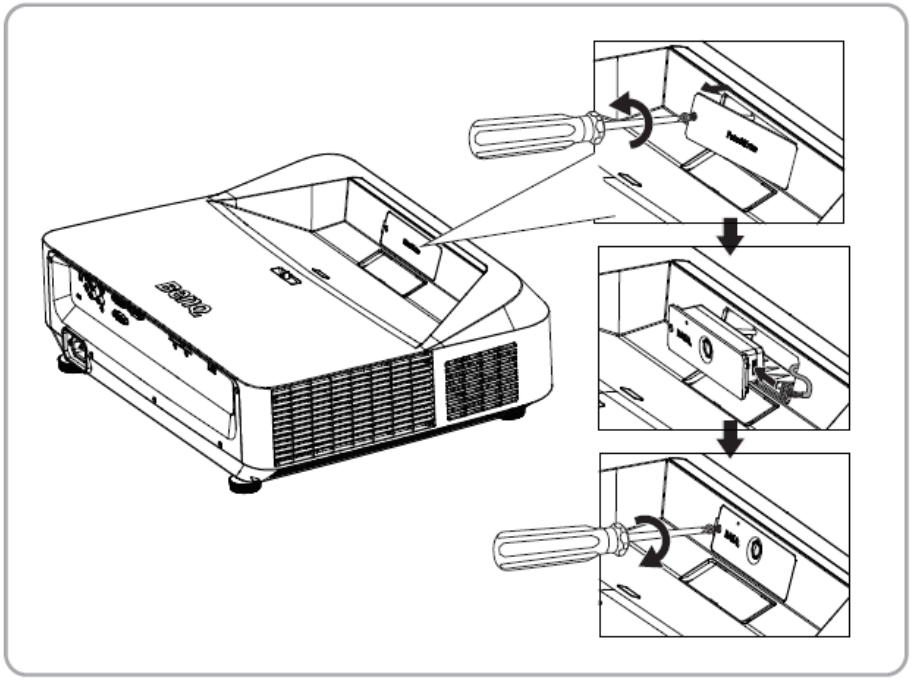
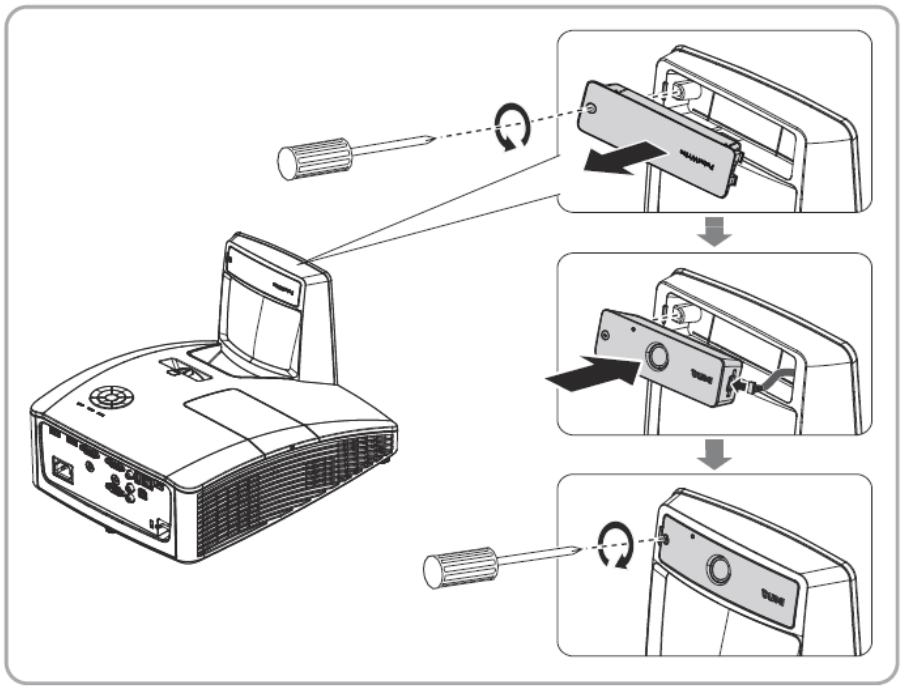
Projector Preparation

-Need 2 Projectors
-Install PointWrite Camera module on both projectors



PW30U



PW40U

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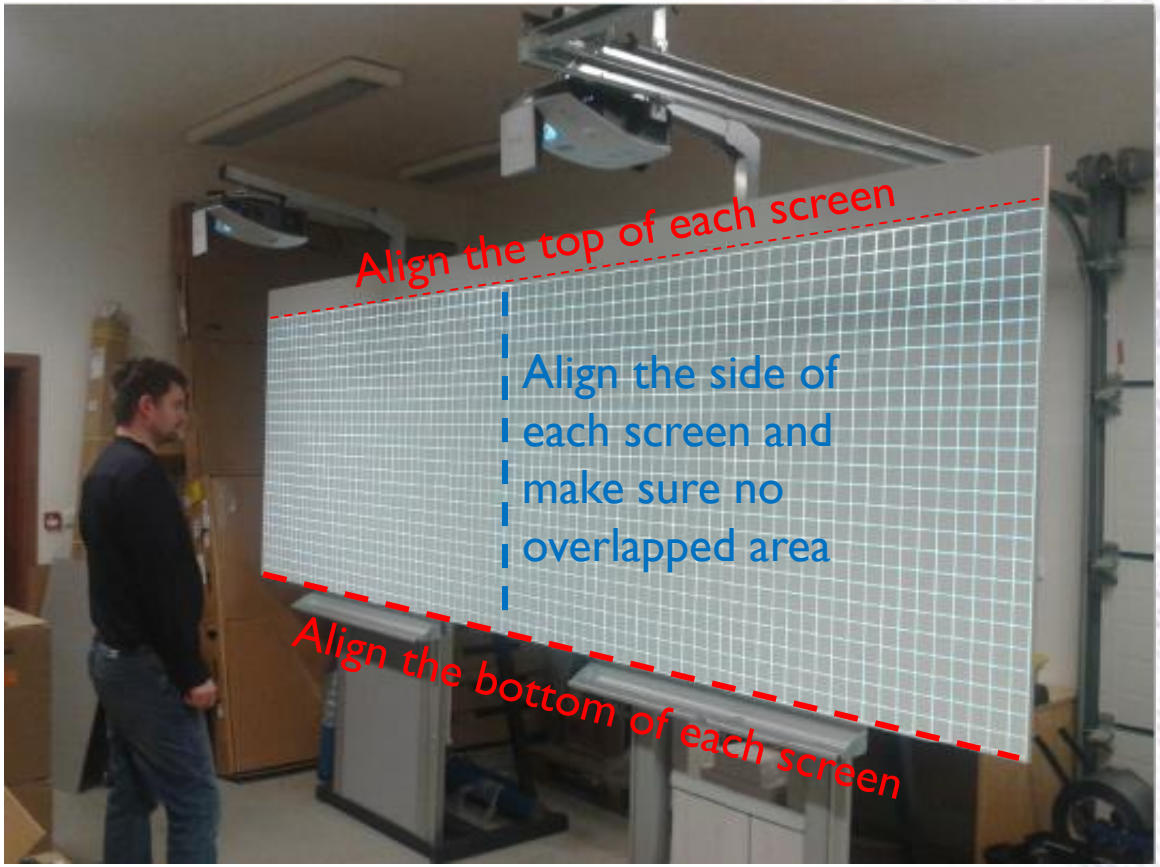
Projection Alignment

- Using the test plan to check the dual screen condition.



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Connection Setup

The left one

The right one

HDMI/VGA

HDMI/VGA

USB cable(PW40U)

USB cable(PW40U)

WXGA

Master screen

WXGA

Extend screen

or

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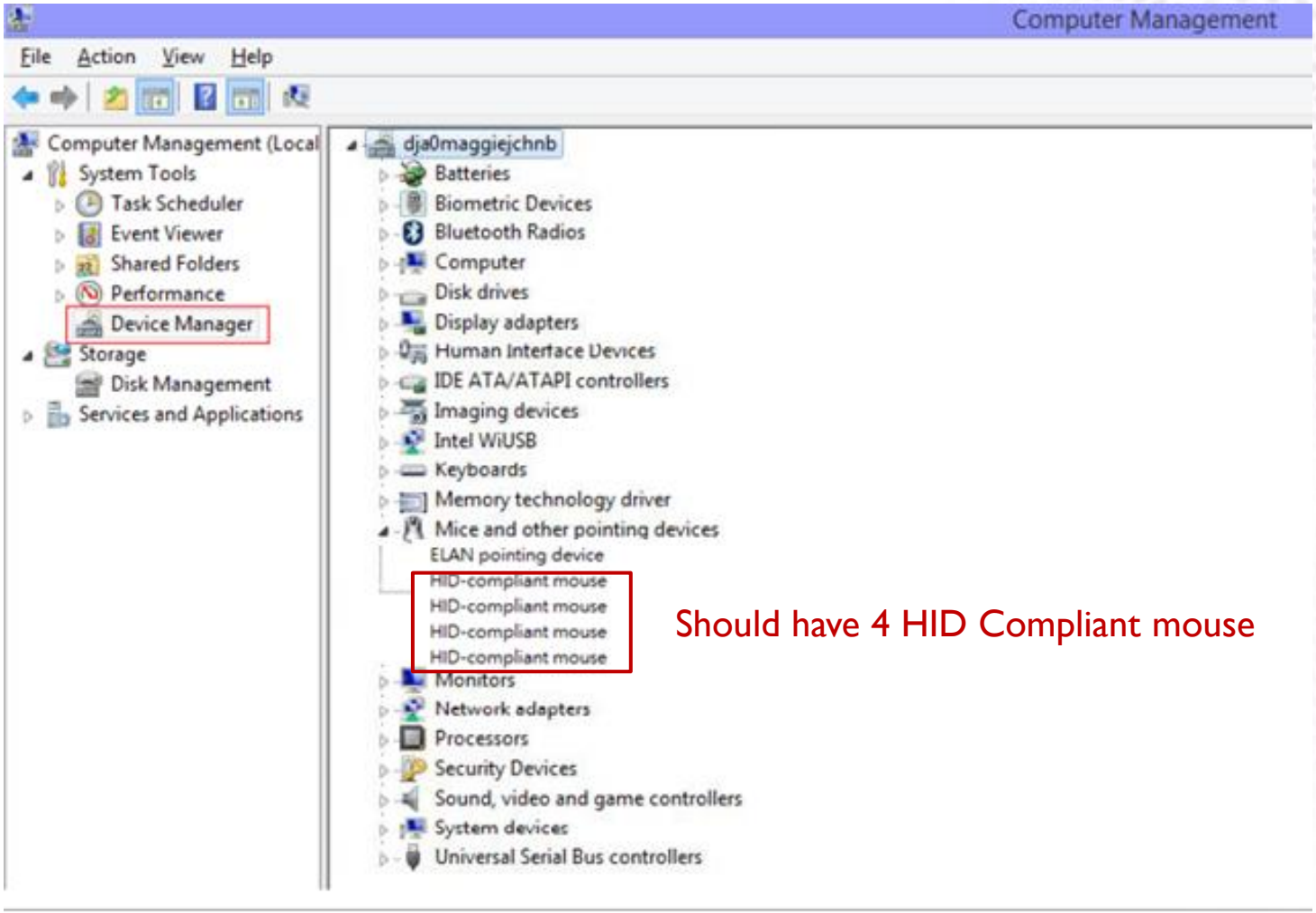
Check Connection Status

Check "Device Manager" from your computer to make sure that 2 PointWrite devices is recognized by your computer.



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Display setting-PC

The left one

The right one

1

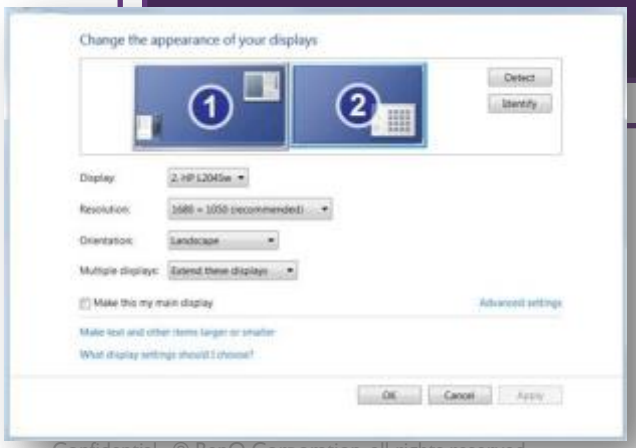
WXGA

Master screen

2

WXGA

Extend screen



Control Panel > Appearance and Personalization > Display> Screen Resolution > Change the appearance of your display

- Set the left projector as the main display(Display 1).
- Set the right projector as extended screen(Display 2)
- Select "Extend these displays" for the multiple displays setting.

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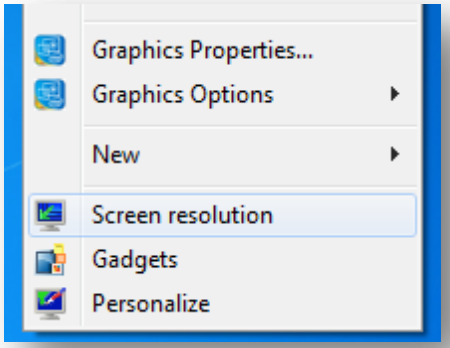
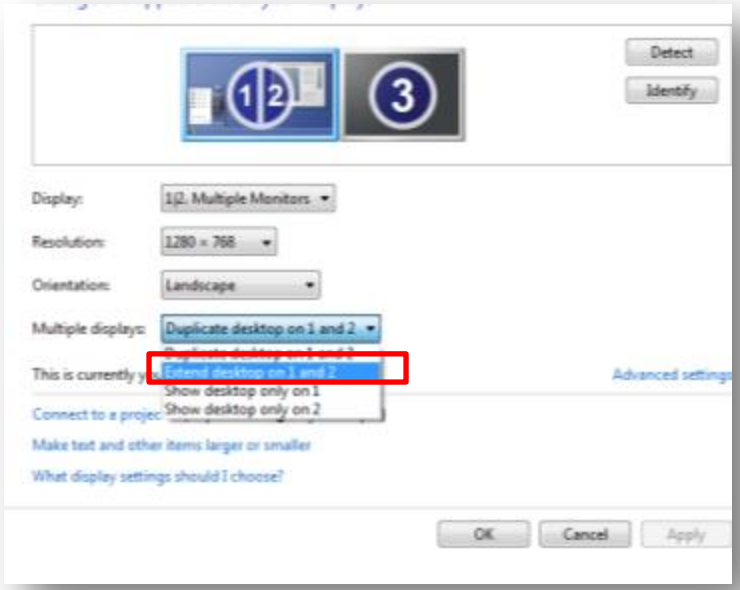
Display setting-Laptop(1)

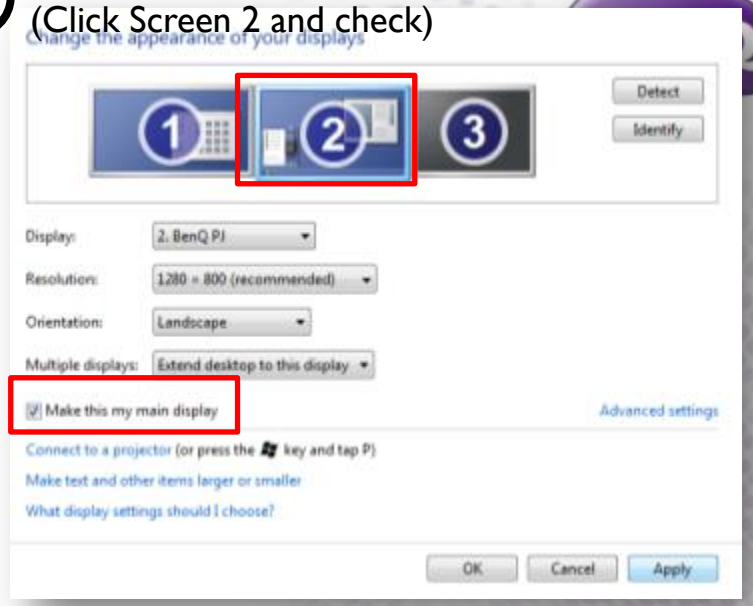
① Launch Resolution control panel
(Right click on an empty area of the desktop)



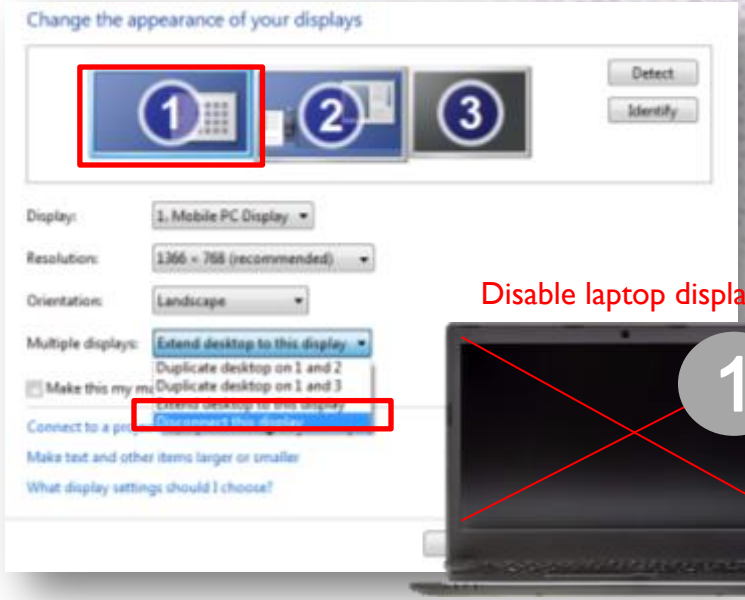
② Extend the display to the left projector



③ Set the left projector as the main display
(Click Screen 2 and check)



④ Disconnect the display of laptop
(Click Screen 1 for the options)



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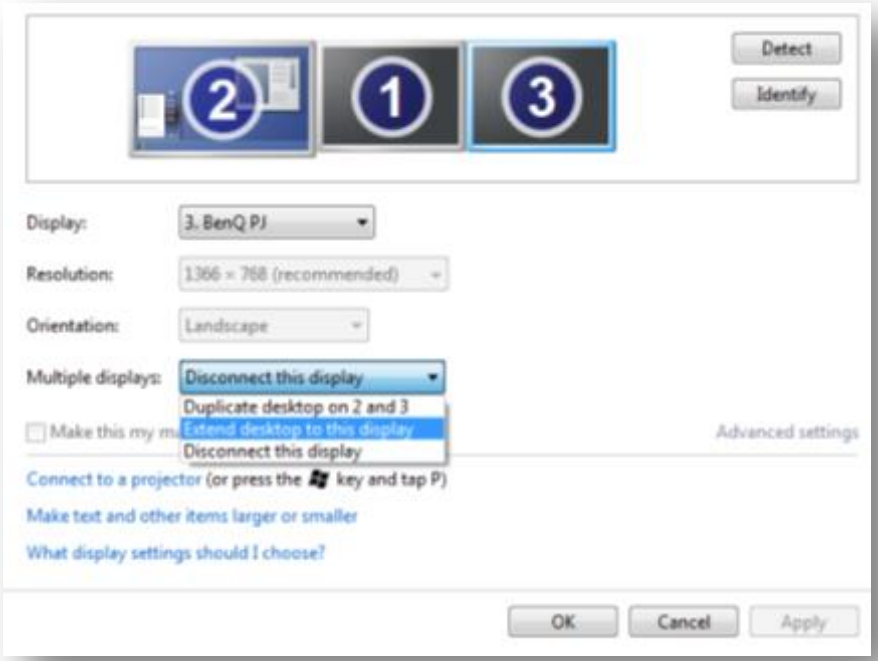
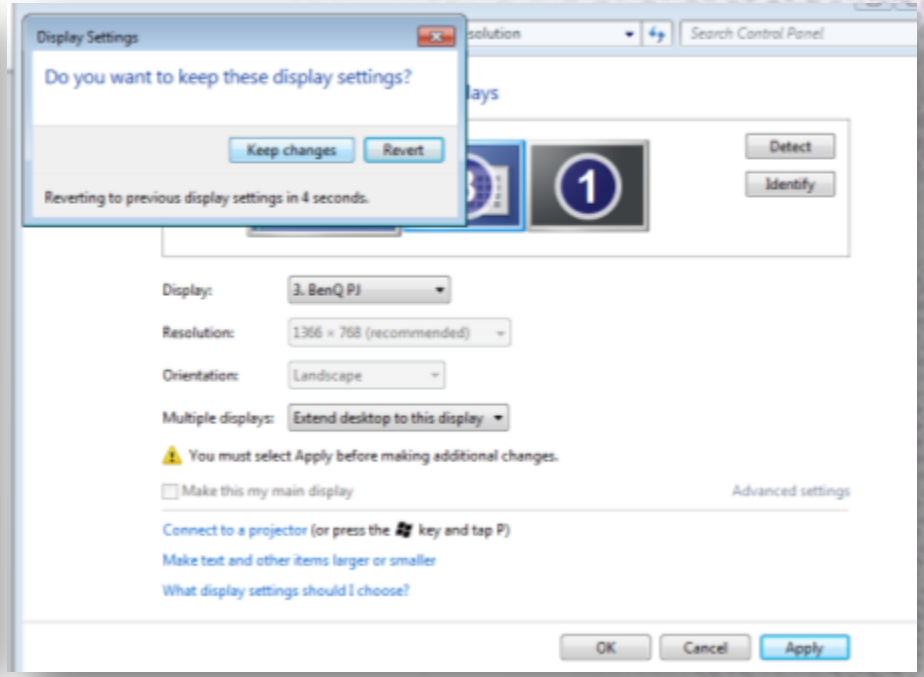
Display setting-Laptop(2)

⑤ Extend the display to the right projector (Click Screen 3 for the options)



⑥ Apply the setting and keep changes



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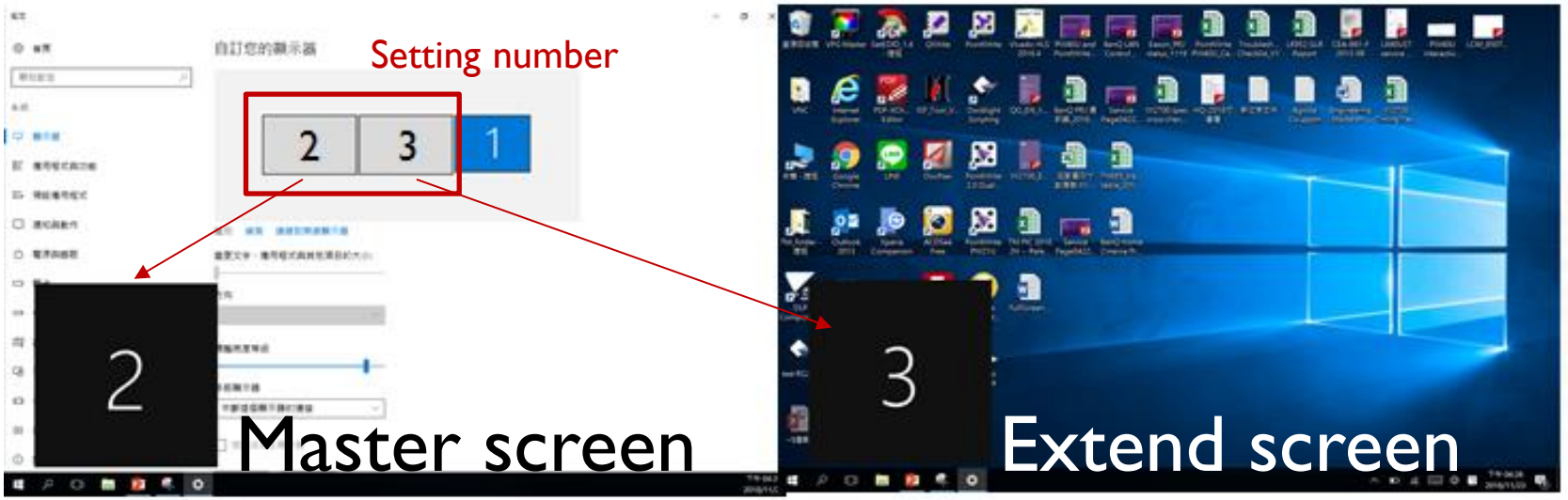
Check Display Setting

The left one

The right one



1. **Press "Identify", A number will show up on each screen, check if the sequence of showed number is corresponsive with the sequence of setting number**

   The left Projector(Master screen): show "2" →The left side of the your setting number is "2"

   The Right Projector(Extend screen): show "3"→The right side of the your setting number is "3"

2. **The sequence of setting number is different from PCs**

3. **To secure the quality of interactive function, the Resolution for each screen should be the same as Projector Native resolution.**

→When the resolution for both screen is different, it will show a reminding windows, check the resolution setting

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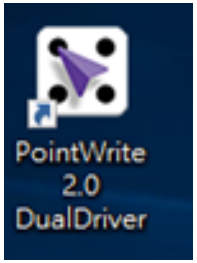
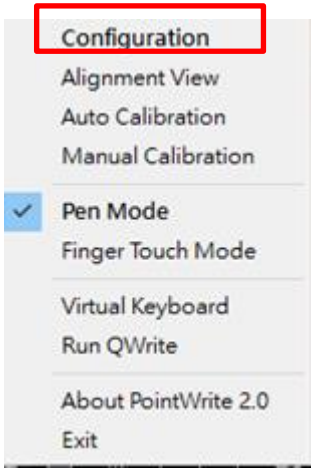
Camera Configuration Setting

① Launch PointWrite 2.0 DualDriveron desktop



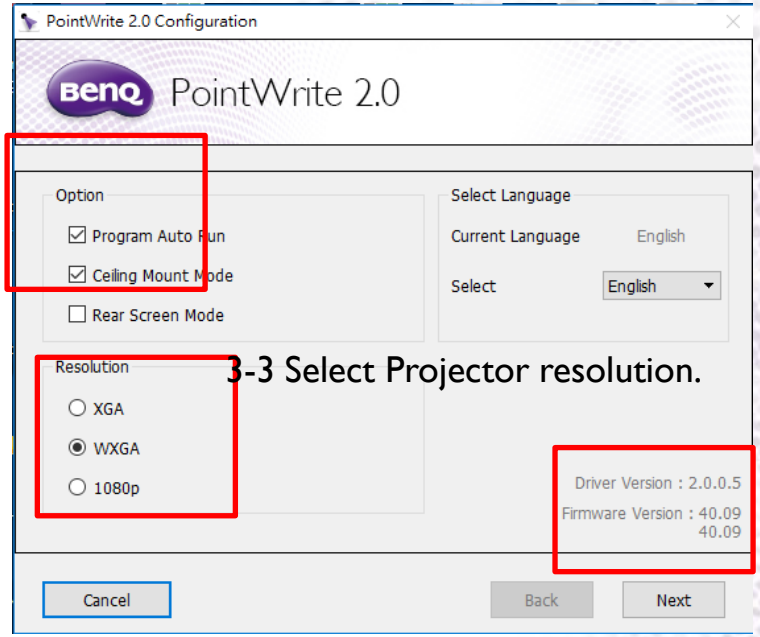
② Click Configuration to launch control panel



③ Configuration setting

3-1 Choose "Program Auto Run"
*Auto Run means the program will run automatically when turning on your PC

3-2 Choose installation mode



3-3 Select Projector resolution.

3-3 Check dual screen Driver/PointWrite Module FW version

- ✓ The 2 FW version showed indicates both PointWrite Module →This means both PointWrite Modules are detected.
- ✓ Check if Dual driver version is the latest.
- ✓ Check the connectivity/quality of USB cable when showing abnormal version number

After finishing above items, click "Next"

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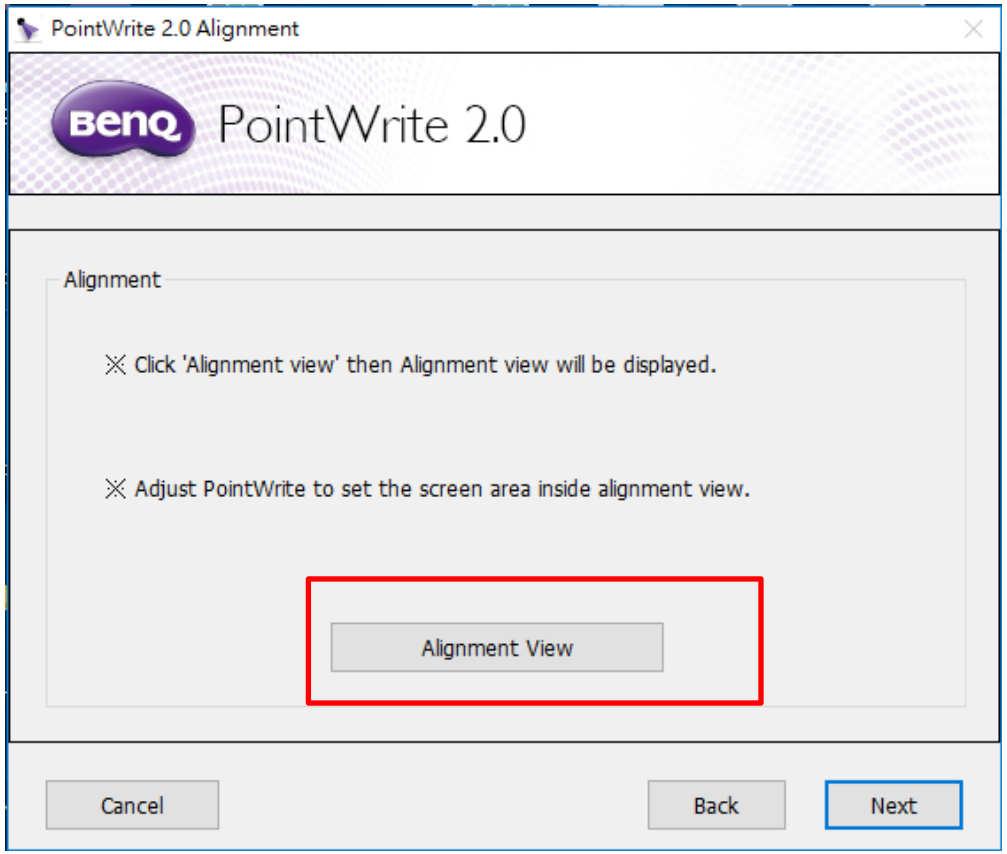
Camera Alignment Setting

④ Check Alignment View for both PointWrite Module



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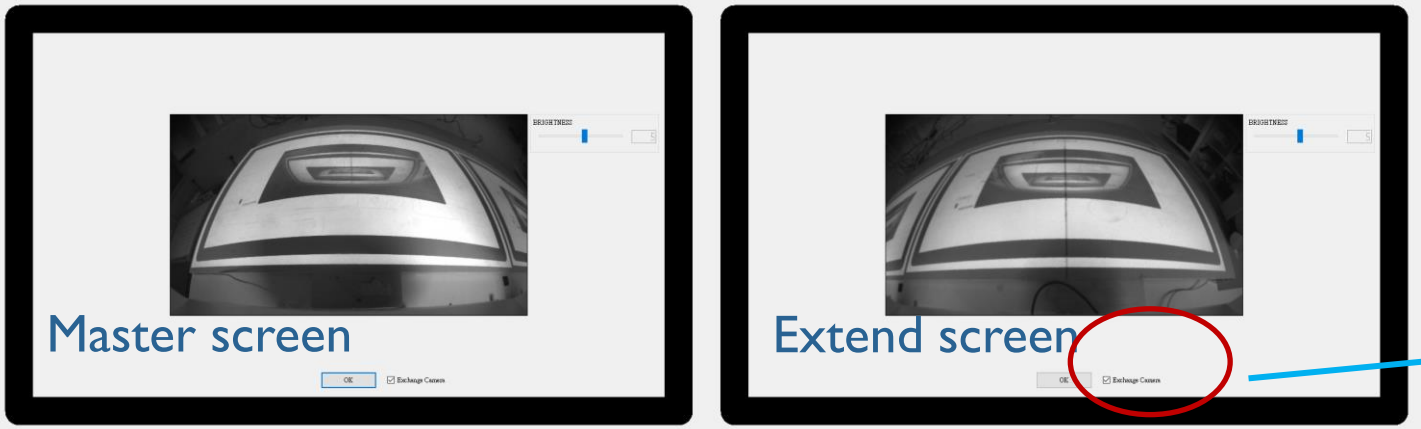
Check Alignment View-Method 1

① The Alignment view will depend on the projector's installation position

When Projector is in Ceiling mode, the alignment view should be like below:

When Projector is in Desktop mode, the alignment view should be like below:



**If the actual alignment view does not match the above description, press "Exchange Camera"

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Check Alignment View-Method 2

② You can also press the pen tip on both screen, if the screen shows a highlight, this means the camera capture the correct screen image

If camera capture the wrong screen image, press "Exchange Camera"

When finishing the alignment view checking, Press OK

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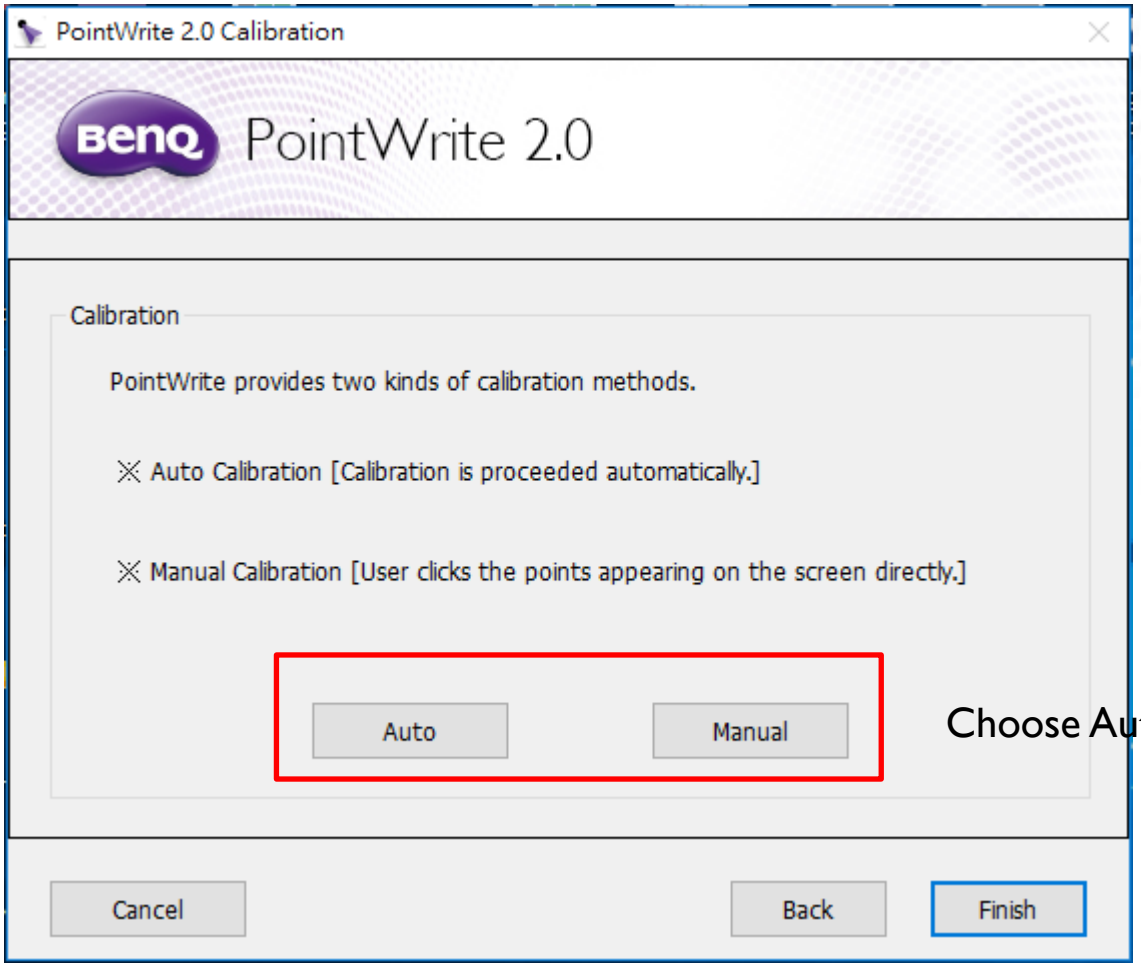
Calibration



Choose Auto or Manual calibration

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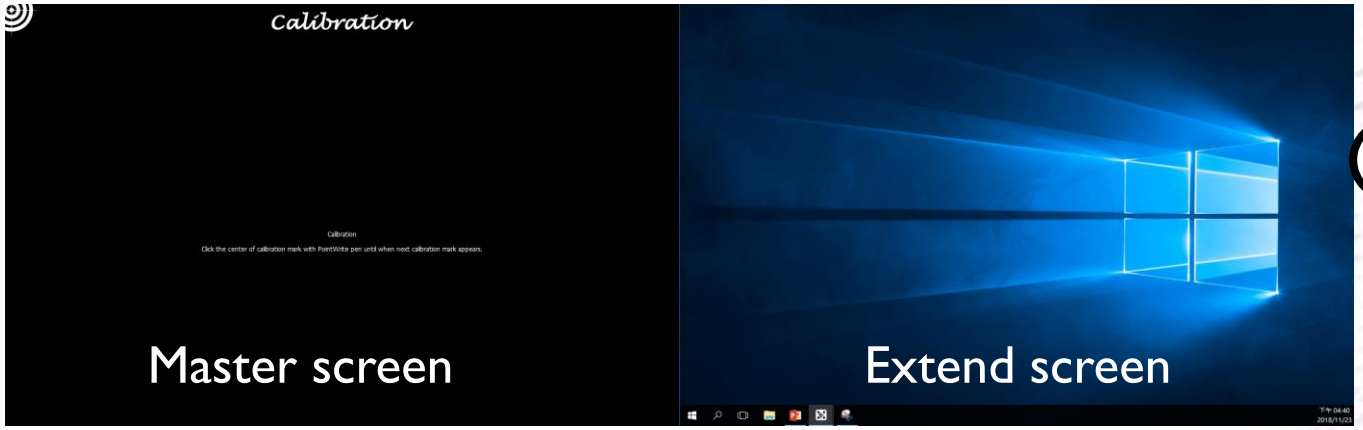
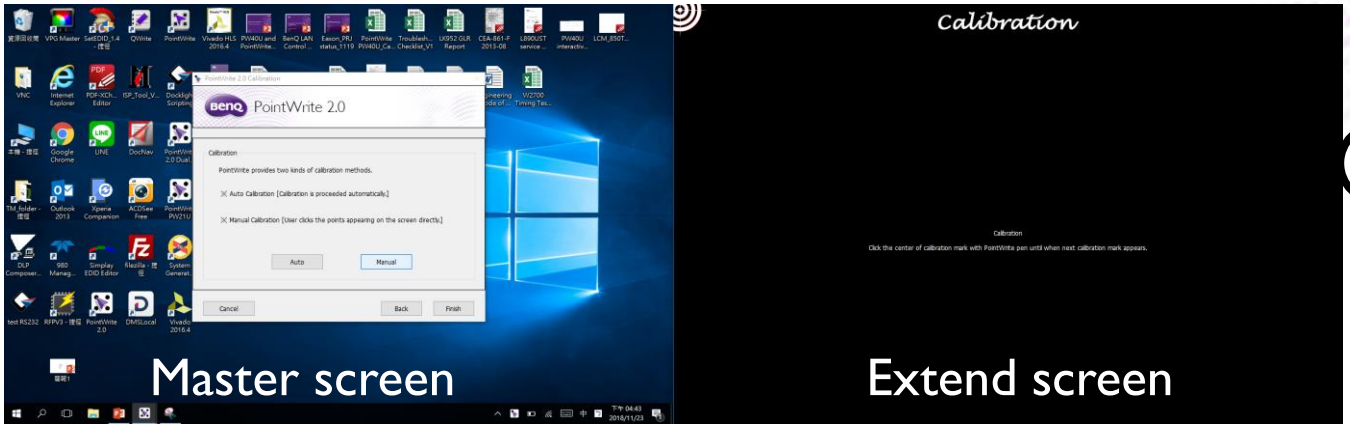
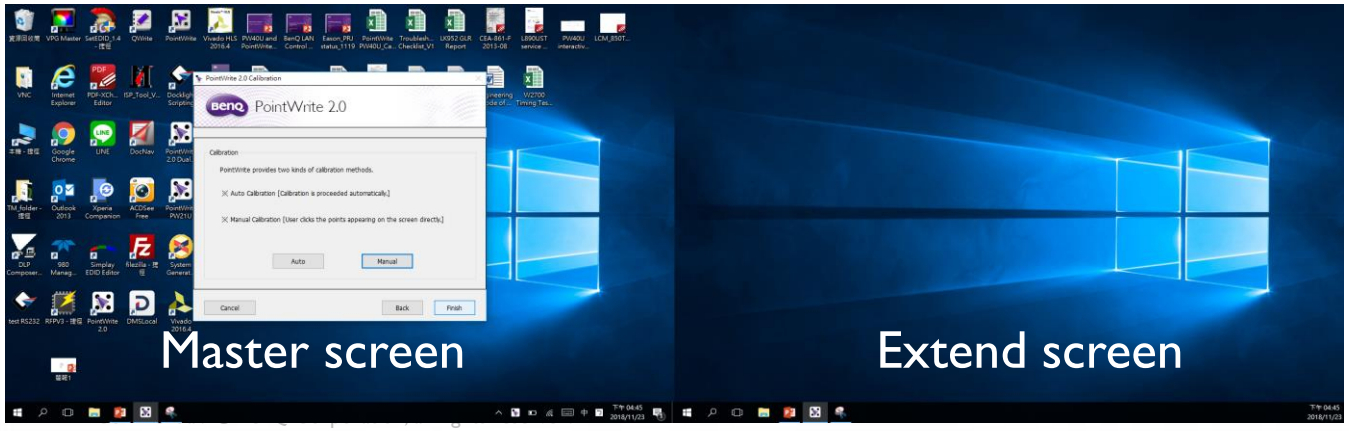
Calibration-Manual



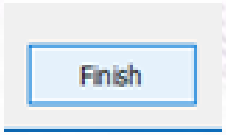
① Calibration for Master screen



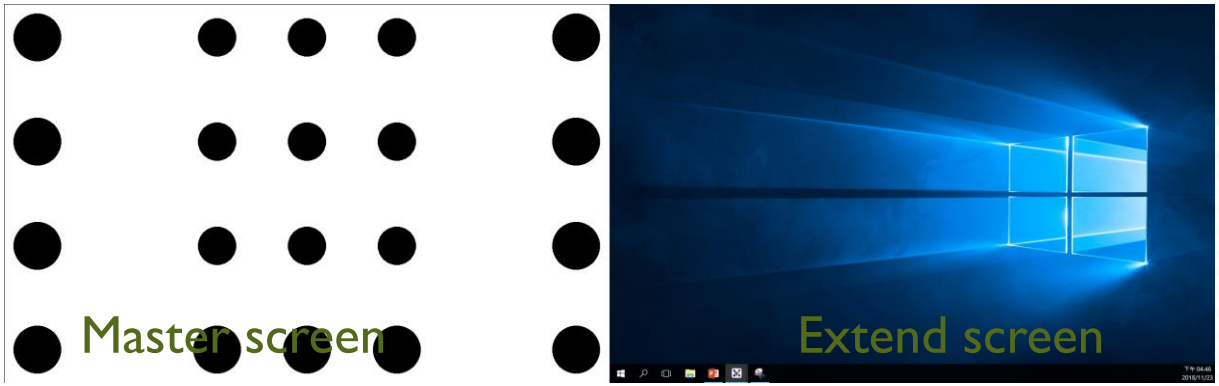
② Calibration for Extend screen



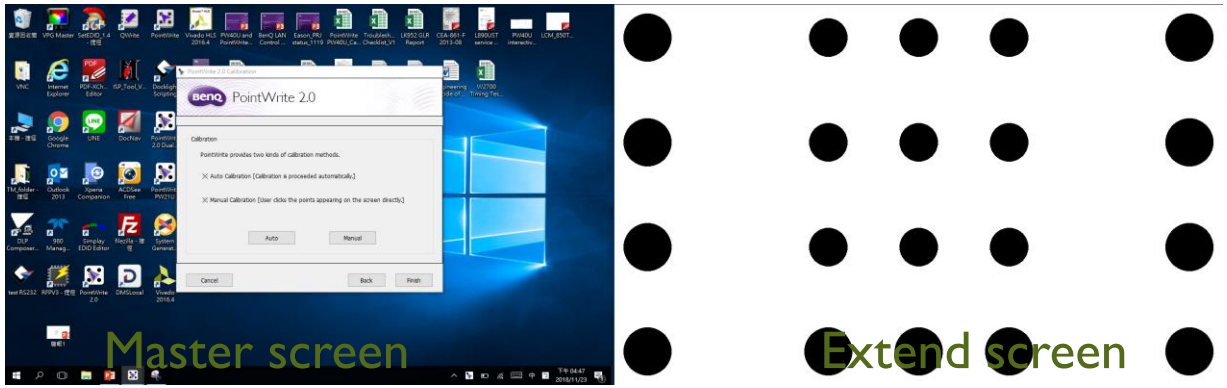
③ Manual Calibration finished, press "Finish"



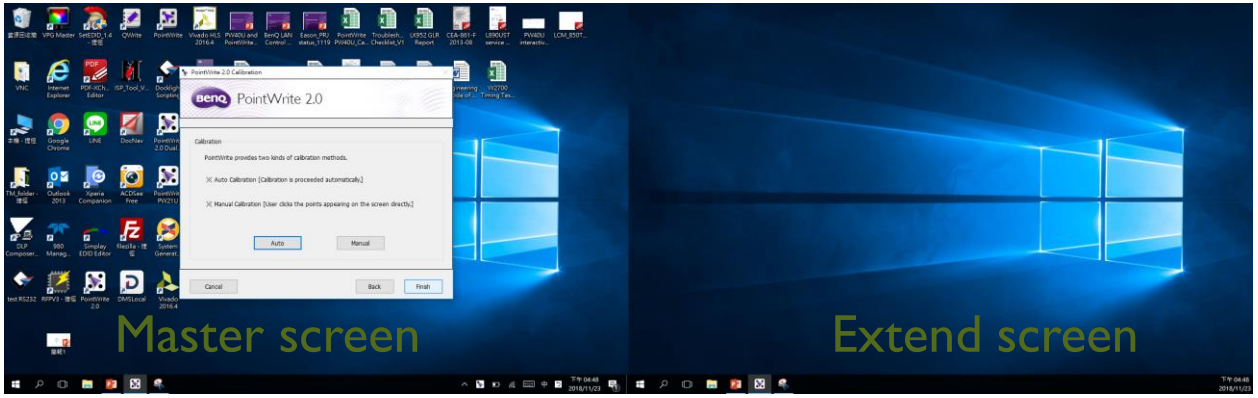
Calibration-Auto



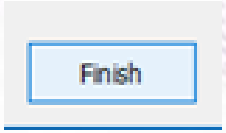
① Calibration for Master screen



② Calibration for Extend screen

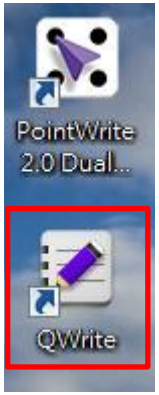


③ Auto Calibration finished, press "Finish"

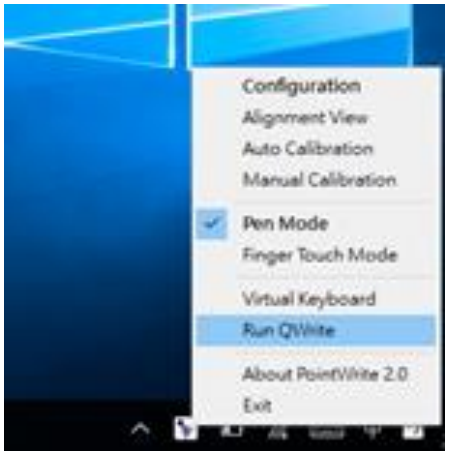


QWrite Dual Screen Mode Setting

① Launch QWrite

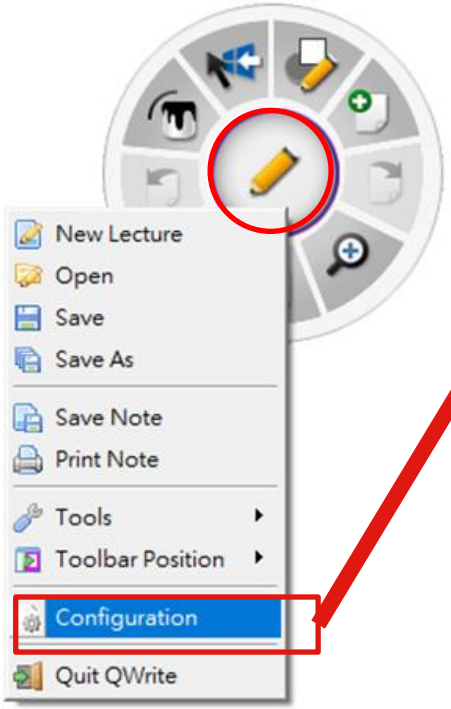


From desktop

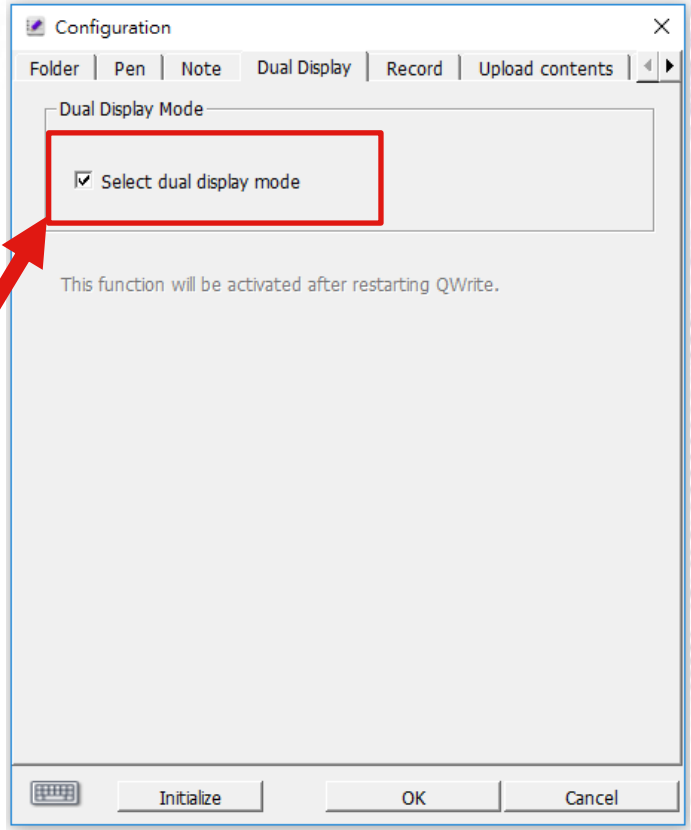


From Toolbar

② Select Configuration to launch control panel



③ Select dual display mode in Dual Display setting



④ Quit QWrite and re-launch QWrite to active the dual display setting

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Start for dual screen projection

The left one

The right one

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