



# ADM-4X

## User Manual



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Product Name : ADM 4X  
Manual Version : V1.0  
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# Overview

Thank you for purchasing PC Vision ADM 4X. The ADM 4X are designed to power multiple screens for digital signage applications. The ADM 4X effectively support Intel, AMD, nVidia's graphics card and operating system into thinking that output devices is one extremely wide monitor. It also has an operational mode allowing you to "Clone" and "Stretch" the same output onto four separate monitors.

No software drivers and low power consumption, ADM 4X contains the latest image processing technology, high-quality video and the best visual experience. ADM 4X exclusive OLED hardware control and friendly ADM 4X Control Center software can be displayed supports up to maximum 4 display contents.

ADM 4X provides superior image editing on the multi-display applications. In the multiple-screen system, 3D animation, digital signage and digital signage applications market place, all of you are the best solution.

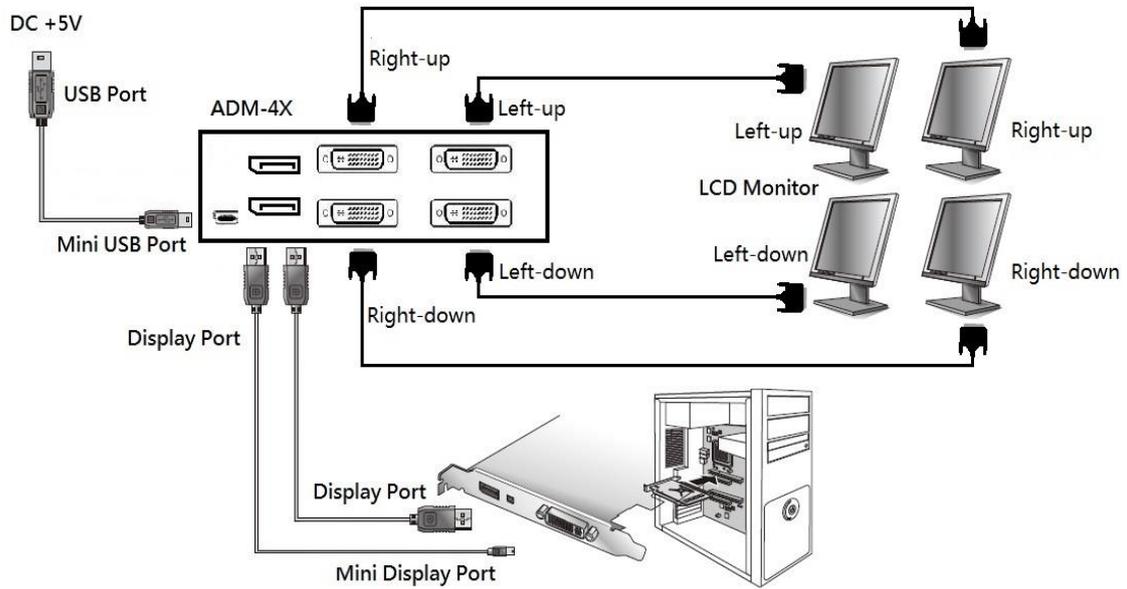
## Hardware supplied

- Please check the package list:
- ADM 4X
- 2 \* Input Cable (mini Display Port to Display Port)
- 1 \* USB Power/Control Cable



- 
1. Optional items not included in the product which you have purchased.
  2. If you find the product package components are damaged, please contact your dealer immediately.
  3. This product can be shipped with a card reader or floppy drive, depending on your host device based on the actual match.
-

# ADM-4X Connection Setup

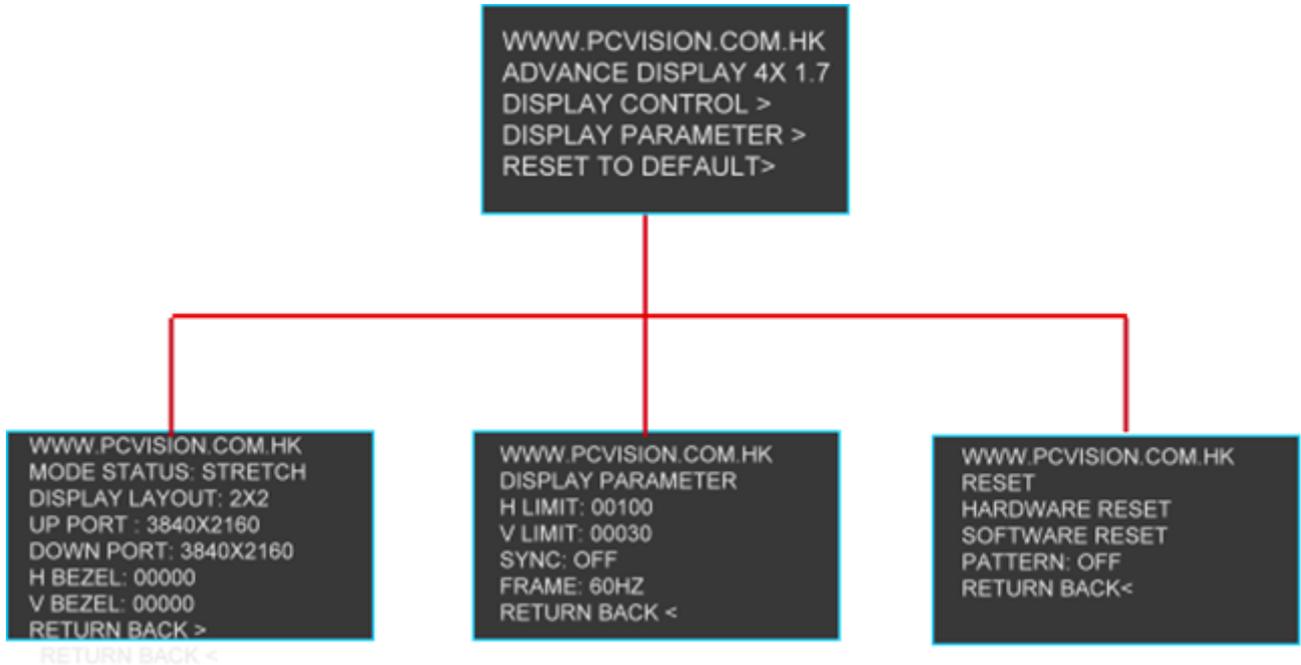


## Notes:

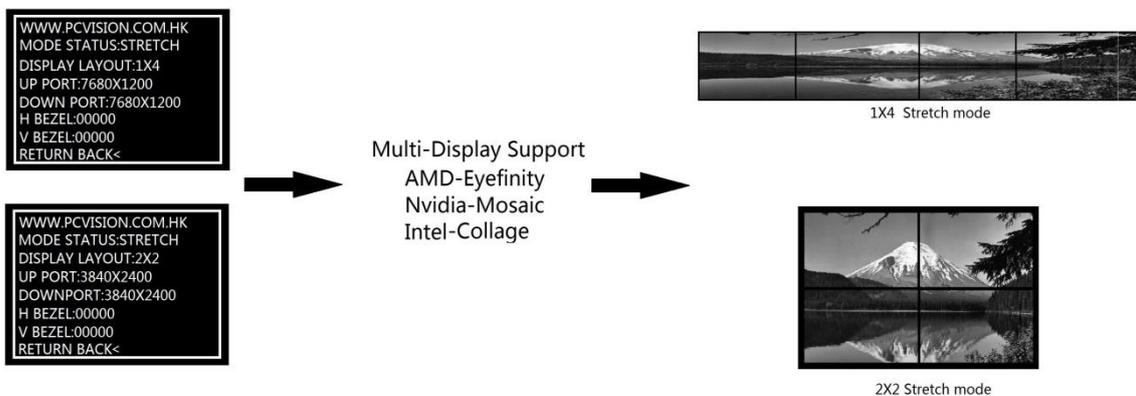
To make sure that ADM 4X input cable connected with graphics card or motherboard's two DP input terminals ◦ Please check that ADM 4X output can connect up to 4 external display output then check the plug in the ADM 4X USB power control line.

# OLED Display

The OLED display provides that connect status and parameter settings.



## Changing Display Setting for Stretch Mode



1. Enter Main Menu to select Display Control
2. As following setting:
 

Mode Status: Stretch	Mode Status: Stretch
Display Layout: 2x2	Or Display Layout: 1x4
Up/Down Port: 3840 x 2400	Up/Down Port: 7680 x 1200
3. Installing AMD-Eyefinity / Nvidia-Mosaic & Intel-collage multi-display driver
4. To select the display layout ( display layout 1x4 ; resolution 7680x1200 and display layout 2x3 ; resolution 3849 x2400)
5. Done

# Changing Display Setting for Clone Mode

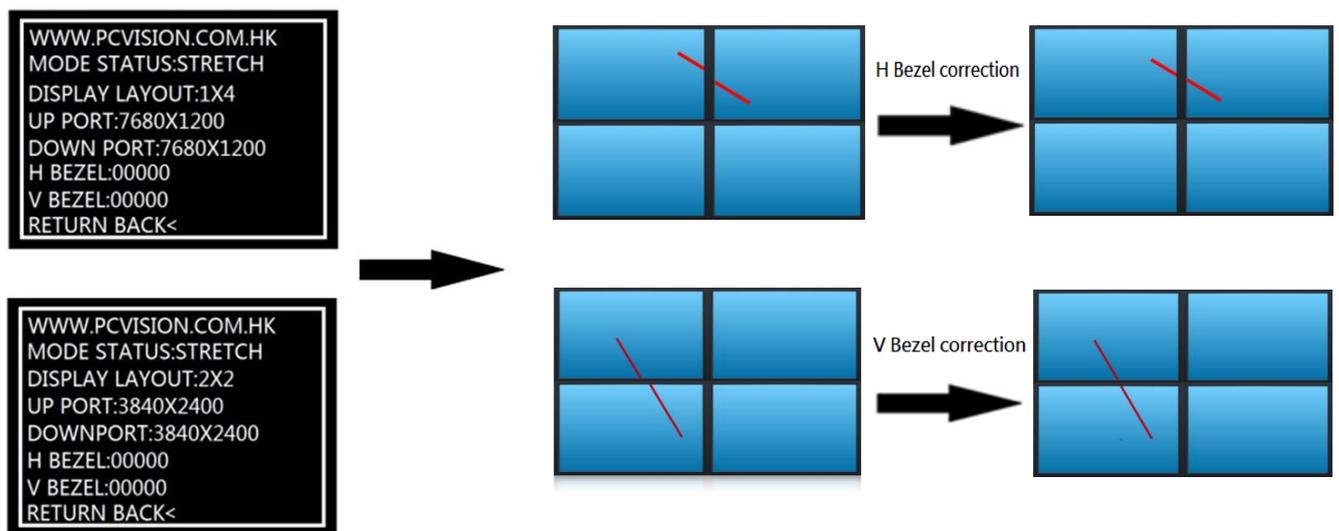


1. Enter Main Menu to select Display Control.
2. As following setting:

Mode Status: Clone	Or	Mode Status: Clone
Display Layout: 1x4		Display Layout: 2x2
Up/Down Port: 1920 x1200		Up/Down Port: 3840 x 1200

3. Done

# Bezel Correction Setting



1. Enter Main Menu to select Display Control ◦
  2. As following setting:
- |                |     |                |
|----------------|-----|----------------|
| H Bezel: 00001 | and | V Bezel: 00001 |
|----------------|-----|----------------|
3. As instruction to H Bezel Correction ◦
  4. As instruction to V Bezel Correction ◦
  5. Done ◦

# ADM 4X Control Center

Make sure to the ADM 4X Installer Main Menu for start installing 2 set of drivers: 「CP210x Bridge Driver」 and 「ADM4X Control Center」。

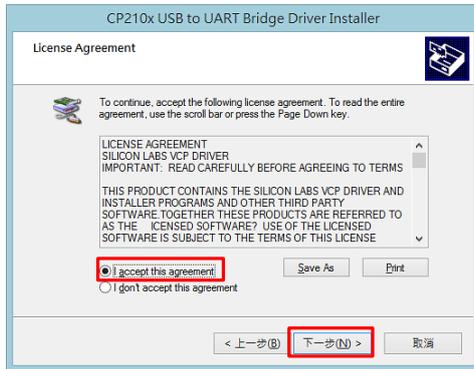


**To installing CP210x Bridge Driver (This is the UART Driver)** · please following step as:

Step 1: following and click next ·



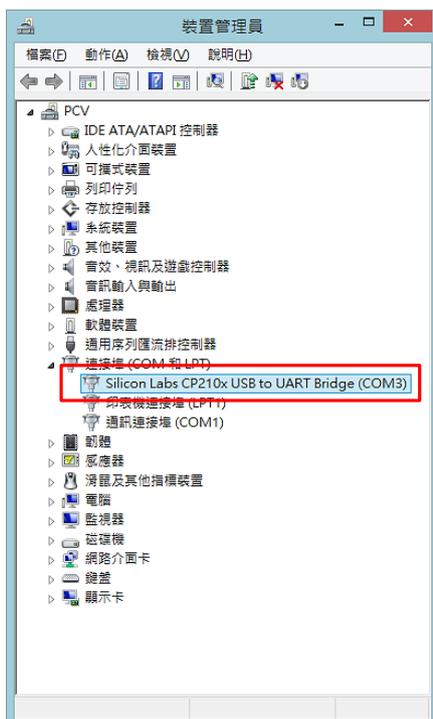
## Step 2: Accept then click next



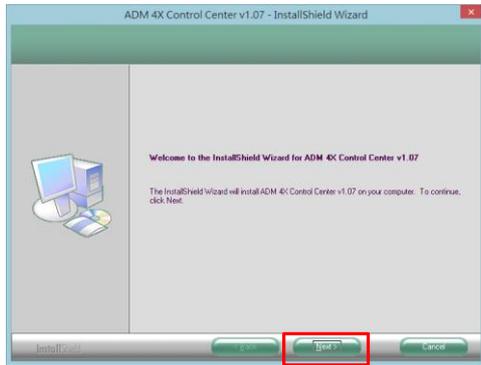
## Step 3: Done



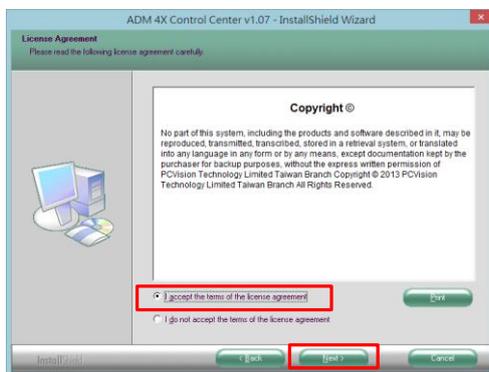
Step 4: please check the CP210xUSB to UART Bridge is appears after done.



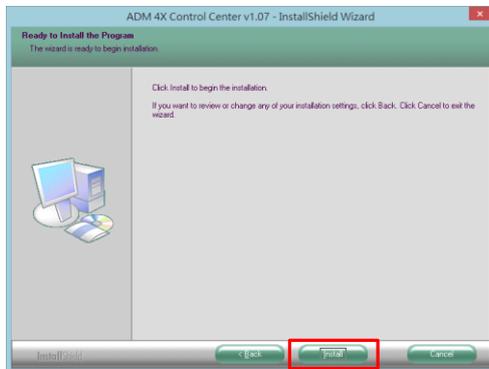
To Installing ADM4X Control Center, please following as step 1 then click next



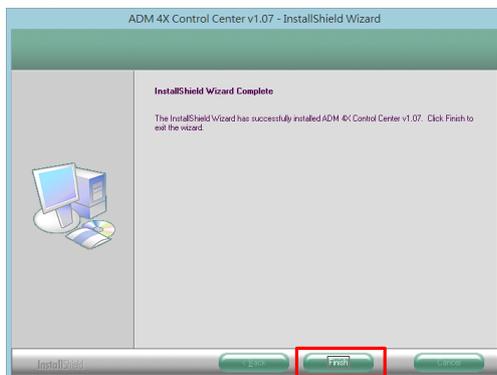
Step 2: Accept then click next



Step 3: Installing then click next



Step 4: Done



# ADM 4X Control Center Execution

Step 1: Click the shortcut to execute ADM4X Control Center, it will appears trademarks and software version.



Step 2: To see ADM 4X Control Center Software home page after execution.



## Troubleshooting

1. Computer doesn't display information after ADM 4X is connected ?
  - A. Make sure your ADM 4X may not be properly connected .
  
2. No power indicate light (black) .
  - A. Your power supply cable or USB cable may not be properly connected .
  
3. Wrong color balance , blurry text , or screen image off-center .
  - A. We recommend you use identical monitors as resolutions, and adjust to a maximum supported of the screen to ensure the best quality.
  
4. Whether the ADM4X require four monitors must be same type model ?
  - A. ADM 4X can be connected with different monitors, but we recommend use that same resolution display to ensure the best results.
  
5. ADM 4X group into 1x4 or 2x2 monitors that playing full-screen video appears water ripples ?
  - A. This is the non-synchronous sources, then you can choose in the "DISPLAY PARAMETER" on "SYNC: DP1 or DP2" to activate synchronization function.
  
6. How do I restore the ADM4X factory default settings ?
  - A. Enter that menu of 「 RESET To Default 」 to select 「 Hardware RESET 」 .
  
7. How do I enable ADM 4M provides that Pattern detects ?
  - A. Enter that menu of 「 RESET To Default 」 to select 「 PATTERN ON/OFF 」 .
  
8. How do I enable ADM 4X provides that RBGW four color scale image ?
  - A. Select the 「 RBGW ON/OFF 」 (Only ADM 4X Control Center to support ) .
  
9. Where can I get the latest version of ADM 4X software ?
  - A : Please visit to PC Vision official website : <http://www.pcvision.com.hk/>

## Supported display modes

Display resolution	Stretch mode : 1x4	Stretch mode : 2x2	Stretch mode 120Hz
	7680x1200, 7680x1080, 6720x1050 6400x1200, 6400x900, 5760x1050 5760x900, 5600x1050, 5464x768 5120x1024, 5120x800, 5120x768 5120x720, 4096x768	3840x2400, 3840x2160, 3360x2100 3200x2400, 3200x1800, 2880x2100 2880x1800, 2800x2100, 2732x1536 2560x2048, 2560x1600, 2560x1536 2560x1440, 2048x1536	2048x1536, 2560x1400, 2560x1536 2560x1600, 2560x2048
	Clone mode		Clone mode 120Hz
	1920x1200, 1920x1080, 1680x1050, 1600x1200, 1600x900, 1440x1050 1400x1050, 1440x900, 1366x768, 1360x768, 1280x1024, 1280x800 1280x768, 1024x768, 800x600		1024x768, 1280x720, 1280x768, 1280x800, 1280x1024

## Horizontal and Vertical Parameter list

Horizontal Limited	0	50	100	150	200	250
Vertical Limited	15	30	45	60	---	---