SI-60E

Multiple-Display Matrix Technology Utility

Simple User Guide

For

4 x 3 Video Wall Display configuration setting

Version 1.0

iBT.ca Technologies inc.

Legal Statement

This manual is subject to change without notice. While every care has been taken in the production of this manual, IBT and IBASE Technology cannot be held liable for any errors or omissions contained herein.

1 Overview

1.1 What is ATI Eyefinity Technology?

ATI Eyefinity Technology from AMD provides advanced multiple monitor technology delivering an incredibly immersive graphic and computing experience with innovative display capabilities, supporting massive desktop workspaces and super-high resolution signage applications. ATI Eyefinity technology with SI-58 6 X HDMI connectivity enables a single GPU to support up to six independent display outputs simultaneously. For the purposes of this document an "ATI Eyefinity system" means a computer system employing ATI Eyefinity technology and an "ATI Eyefinity resolution" means a resolution achievable using ATI Eyefinity technology.

1.2 Product Description

SI-60E offers user-friendly and powerful video solution in the form of SI-60E (Signature Book) with Multiple-Display Matrix Technology Utility & AMD Eyefinity function. Each SI-60E (Signature Book) with Multiple-Display Matrix Technology Utility & Eyefinity function can drive up to 12 displays with different display configuration.

SI-60E	**Version**
BIOS	MBD60E-D1B-D1A-150317
Utility	SI-60E V 1.0
VGA driver	14.301.1001-140915a-177267C-AES

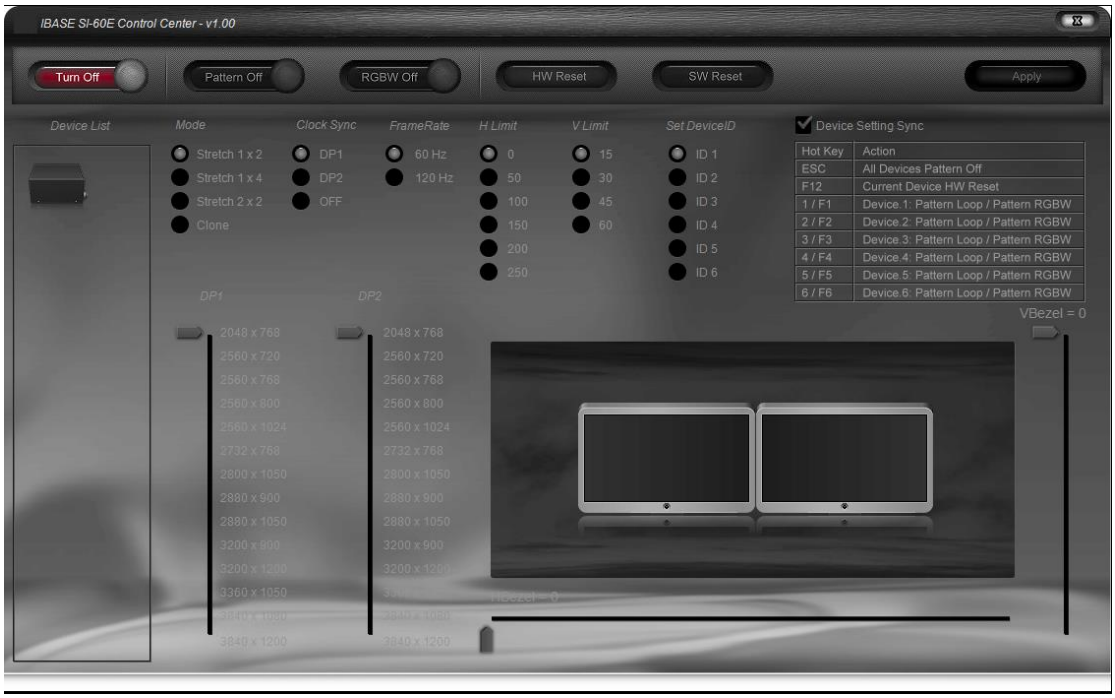
2 Video Display Configuration Setting

2.1 Driver Installation

Before using SI-60E (Signature Book)'s Multiple-Display Matrix Technology Utility & AMD Eyefinity function, the user must install both **SI-60EInstaller V 1.0 for (CP210xVCPInstaller/ SI-60EControlCenter)** and **AMD VGA driver** completely.

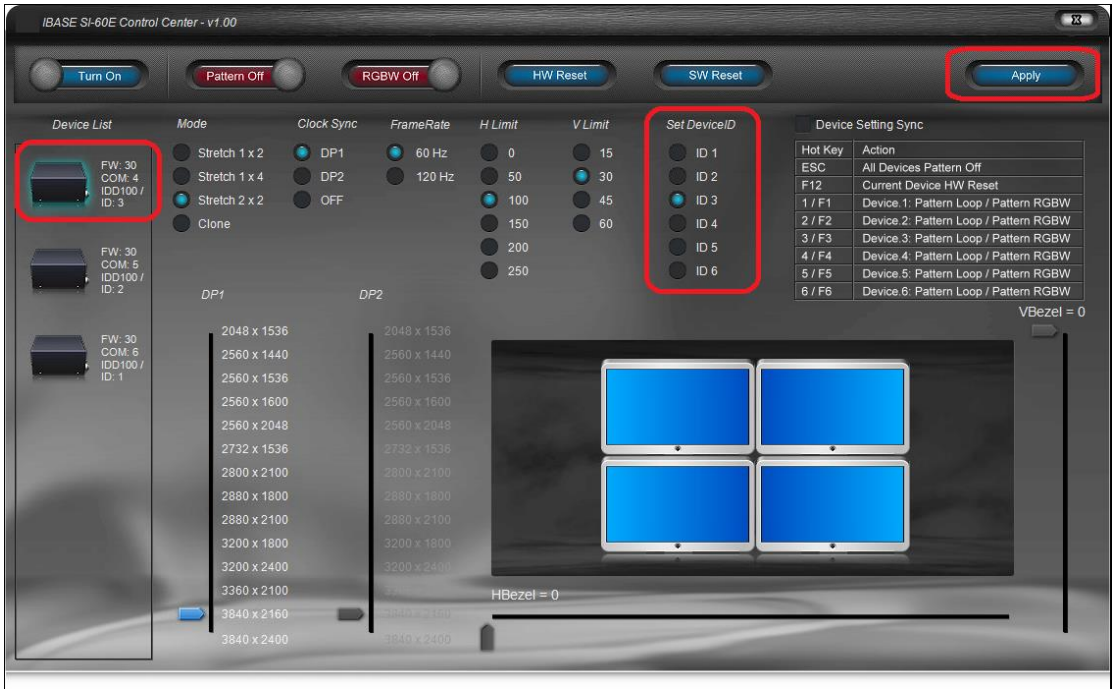
2.2 Multiple-Display Matrix Technology Utility

Click SI-60E Icon  on the Desktop, to have Software UART Control Application interface as shown:



"**Turn on**" Device List

On the above Device List item, please confirm and check each IDD 100 Device with the different ID. If the Device has the same ID (the above two Device with the same ID 2), please select and click one of the same ID device, then select "**Set DeviceID**" function to change its ID number, and click "**Apply**" to finish the setting.



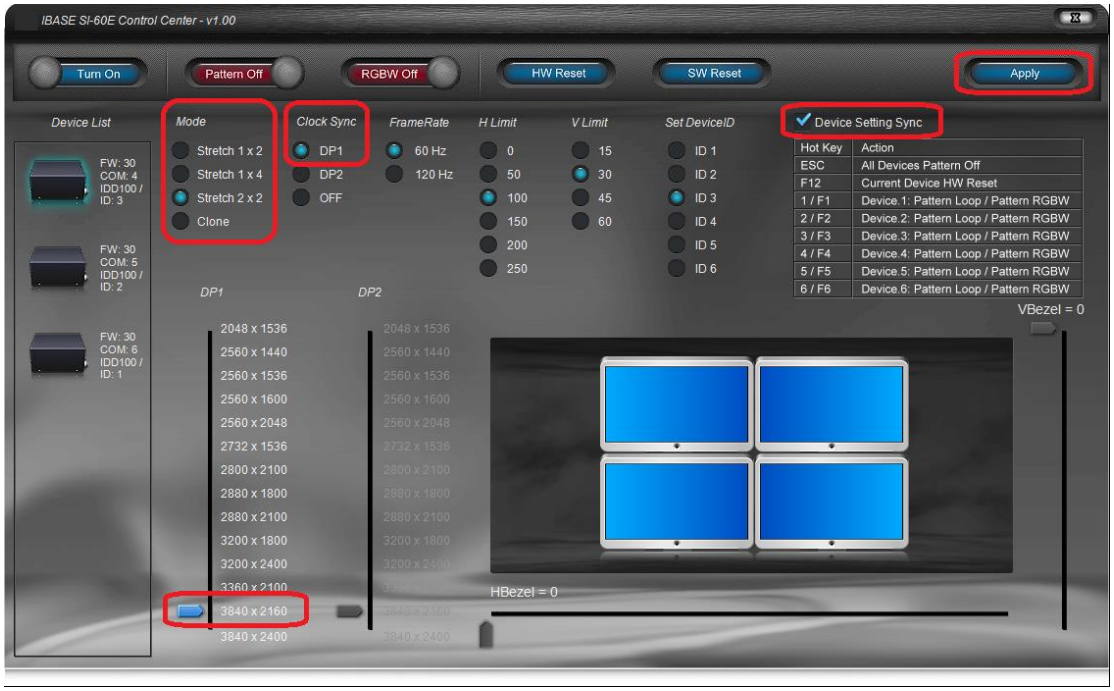
Each IDD100 Device supports 4x HDMI output, and maximum resolution is 1920 X 1200 per HDMI. You have to check the display resolution first, then choose the suitable resolution accordingly.

The following is an example for FHD displays. Choose "**Mode**" as Stretch 2x2 and "**DP1**" resolution is 3840 X 2160 (IDD100 Device with 4 x HDMI output as 2 x 2 combination mode).

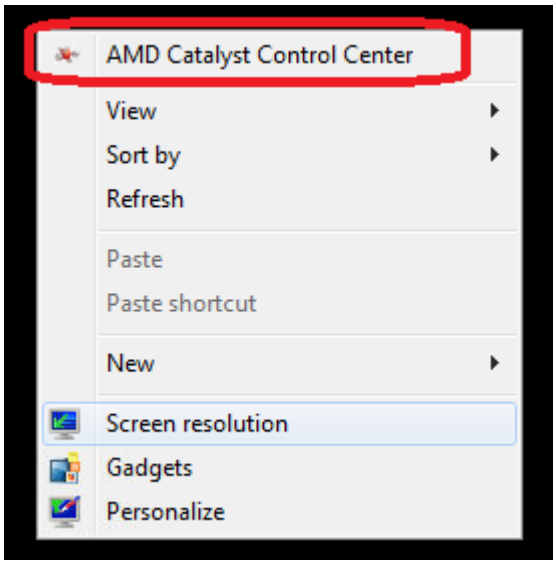
Please choose **"Clock Sync"** as DP1 and enable "**Device Setting Sync**", then click "**Apply**".

3 x IDD100 Device (Each with 4 x HDMI) will have the same setting at the same time.

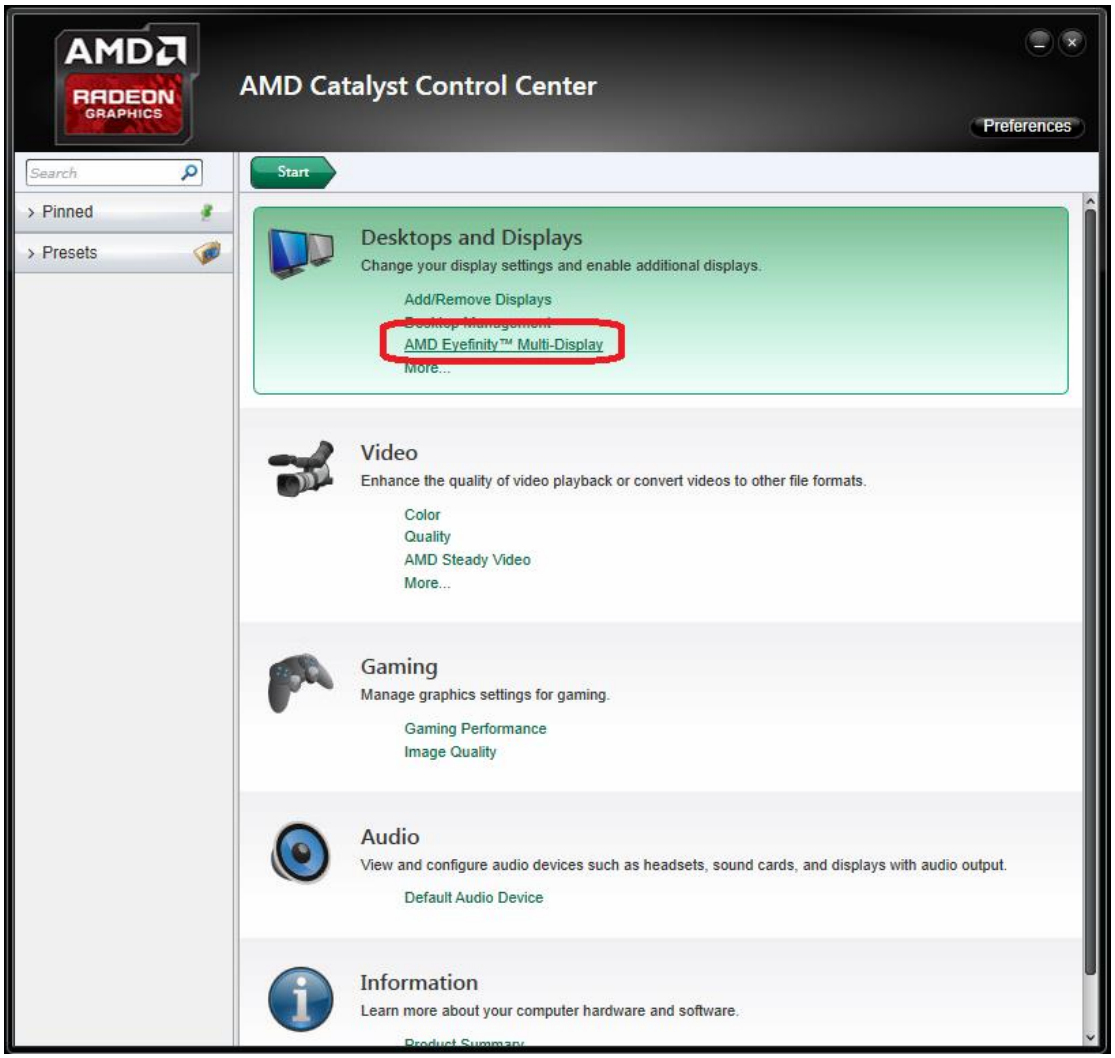
Remarks: The reason we let 3 x IDD100 device "**Clock Sync"** to be the same as DP1 is because it can avoid differences in SYS GPU signal output to reduce tearing issues, as well as keeps the SYS signal output stable.



Now you can leave SI-60E control center V1.0 utility, and start using "**AMD Catalyst Control Center**"

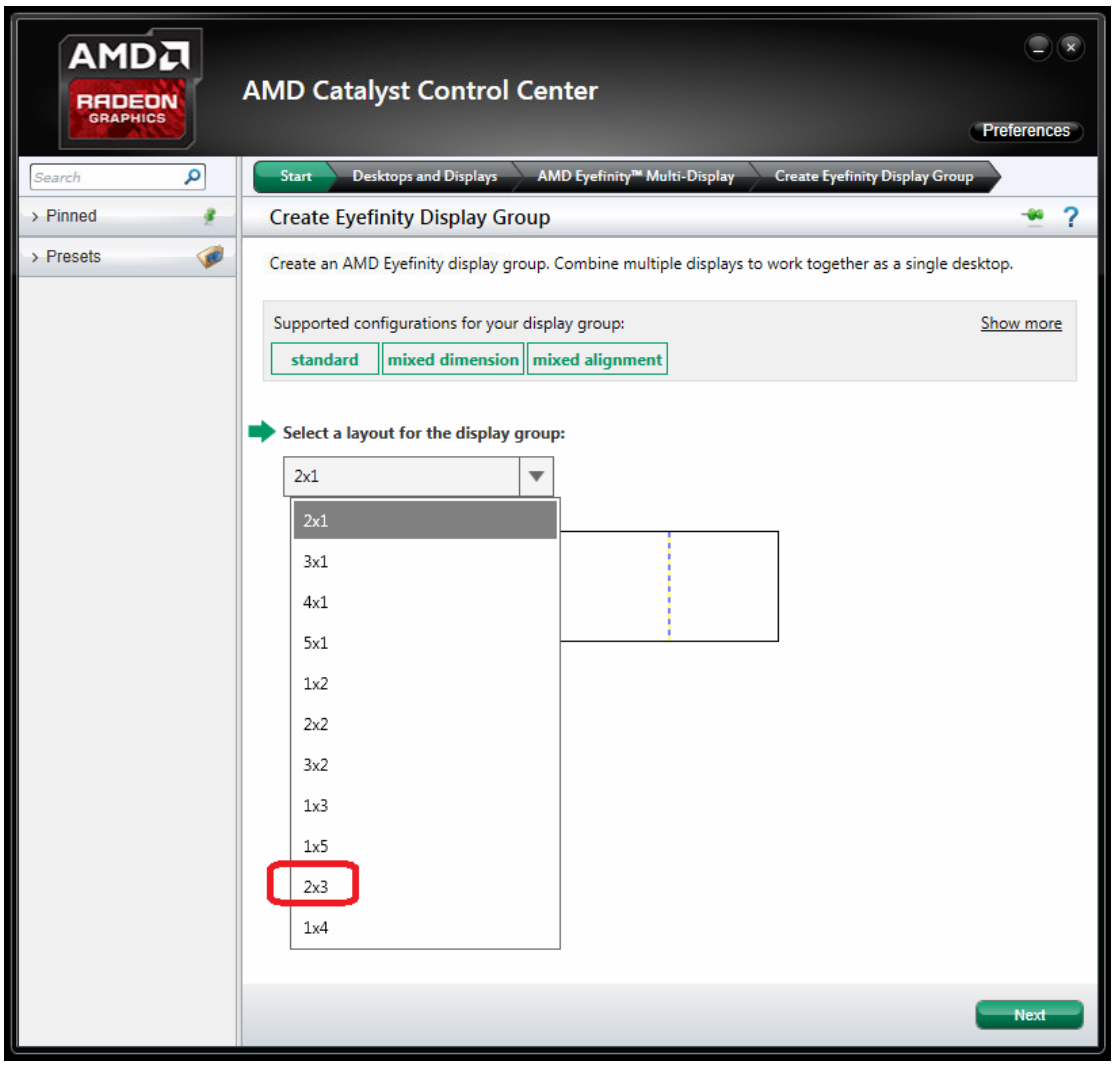


Choose "**AMD Eyefinity Multi-Display**" for Video wall display configuration setting.

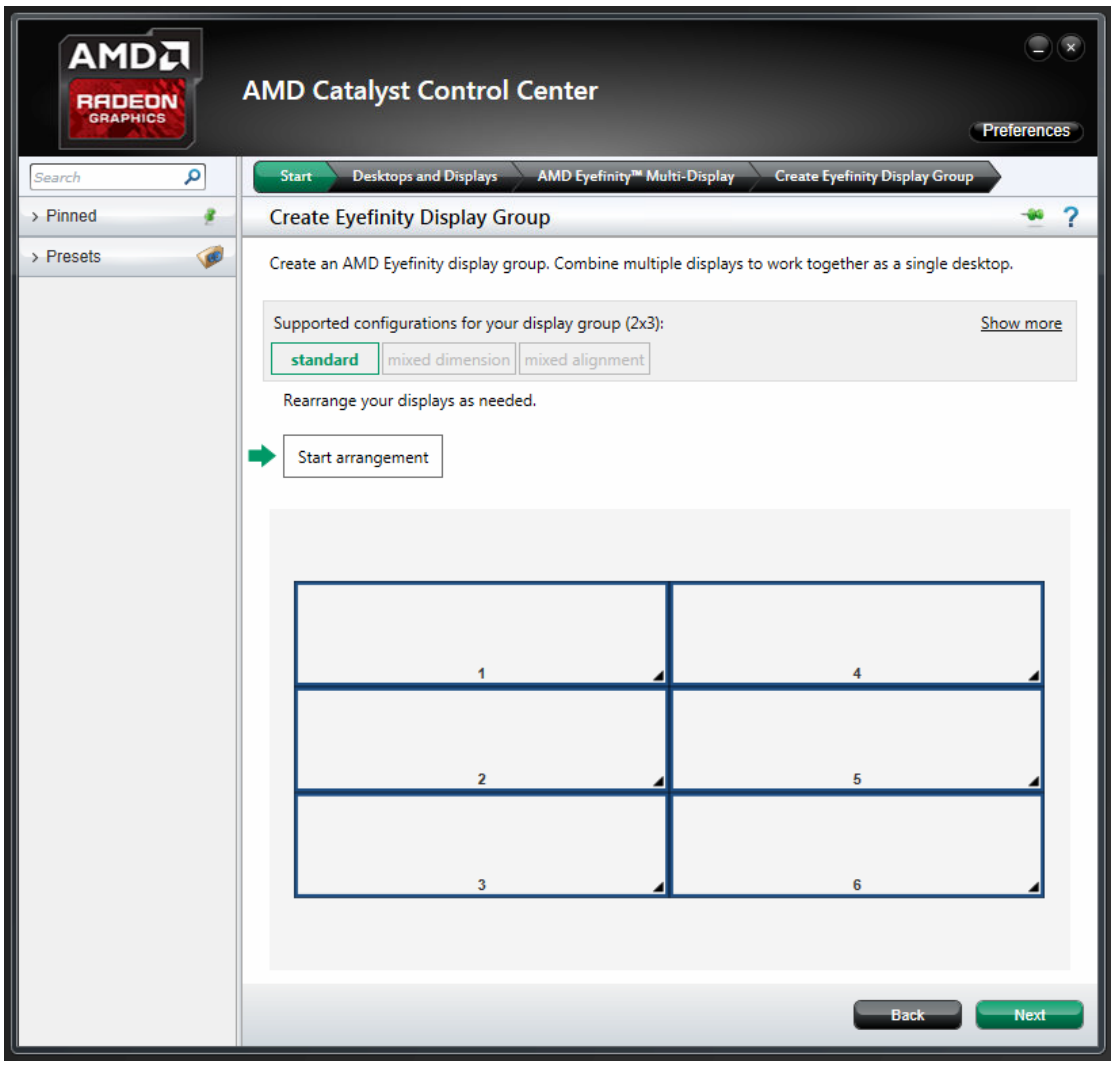


Select "**Create Euefinity Display Group**"

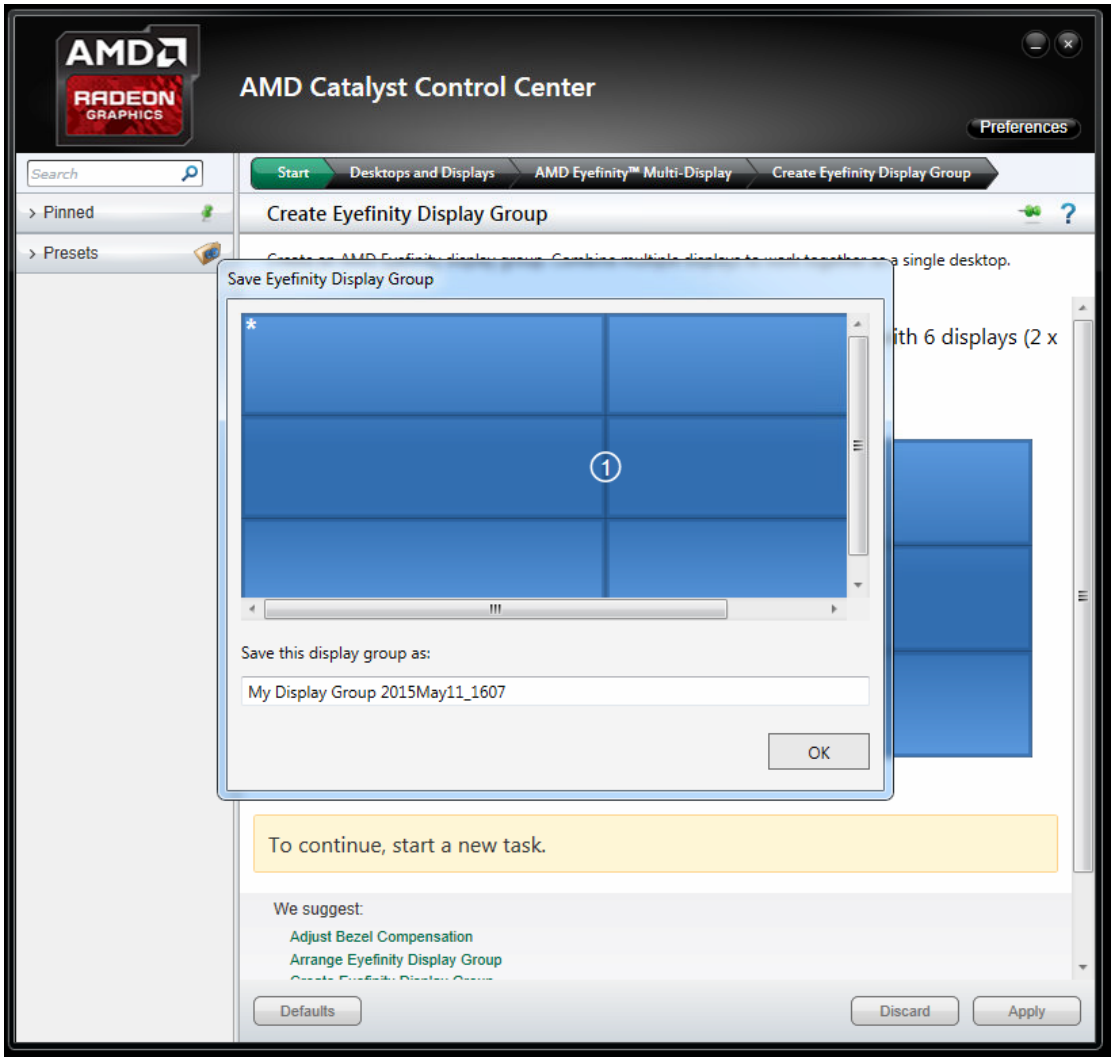
Select "**2 x 3**" for 4 x 3 Display configuration.



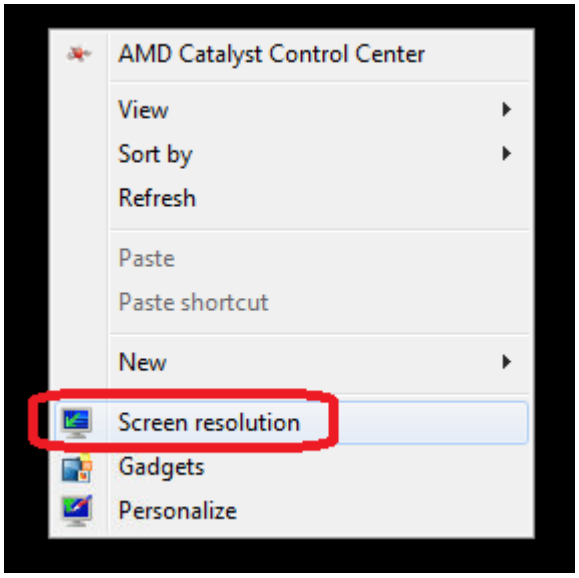
Make the displays arrangement



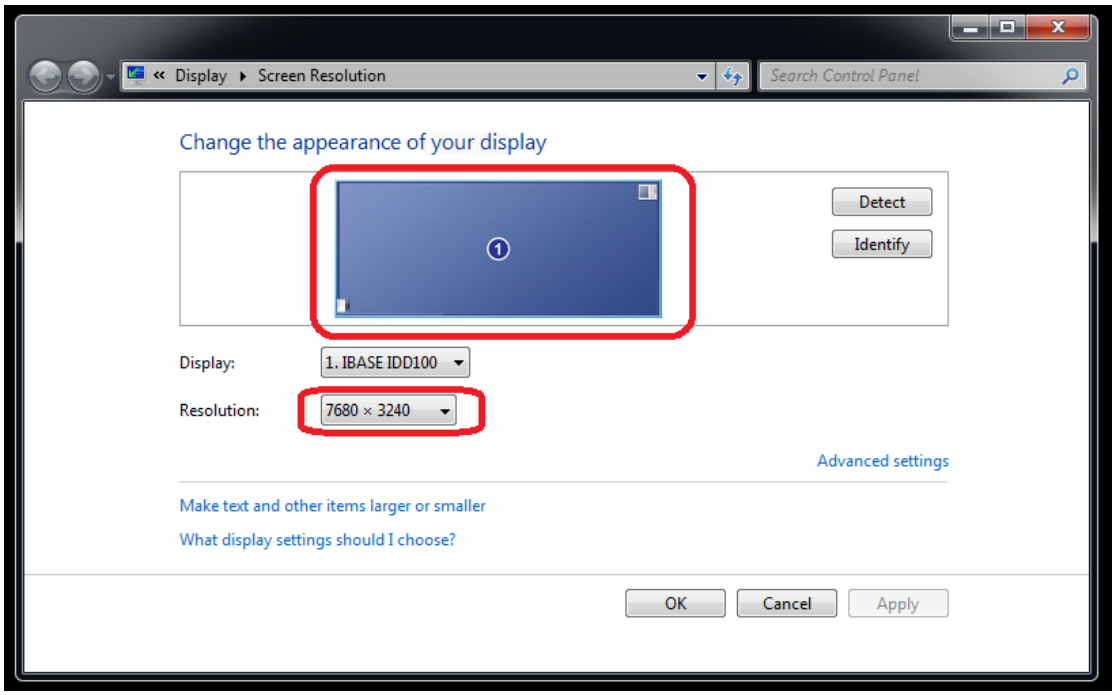
Complete the settings.



Now, you can use Screen resolution to check your setting.



A screen with 7680 X 3240 is the correct setting for 4 x 3 Display configuration with FHD (1920 X 1080) resolution supported displays.



Remark:

8 and 12 Displays configurations➔