EVLED1024SMD Video Wall

Quick Start Guide

I. PC and Controller connections

1. Connect EVLED VSC controller to the graphics card on the PC with the included DVI cable. Connect EVLED VSC RJ11 port to the RS232 port on the PC with the included RS232 signal cable as pictured below. If your PC does not include RS232, use the included RS232 to USB convertor.

2. On your PC, set up a secondary or clone display. A flashing green LED on the rear of the EVLED VSC indicates successful communication.

One end of DVI cable connects with sending card in EVLED VSC controller

EVLED VSC Controller

Connect the RS232 data cable into your PC (Use the RS232 to USB convertor if you don't have RS232 on your PC). Connect RJ11 end into the EVLED-VSC.

The other end of DVI cable connects with PC graphic card

II. Power and data cable connection map. (Example map: 3 rows by 3 columns. Rear View). **This connection type is only recommended for up to 20 panels. When using more than 20 panels, an EVLED VDS data splitter should be used. Contact your Elation representative for a custom connection map.**
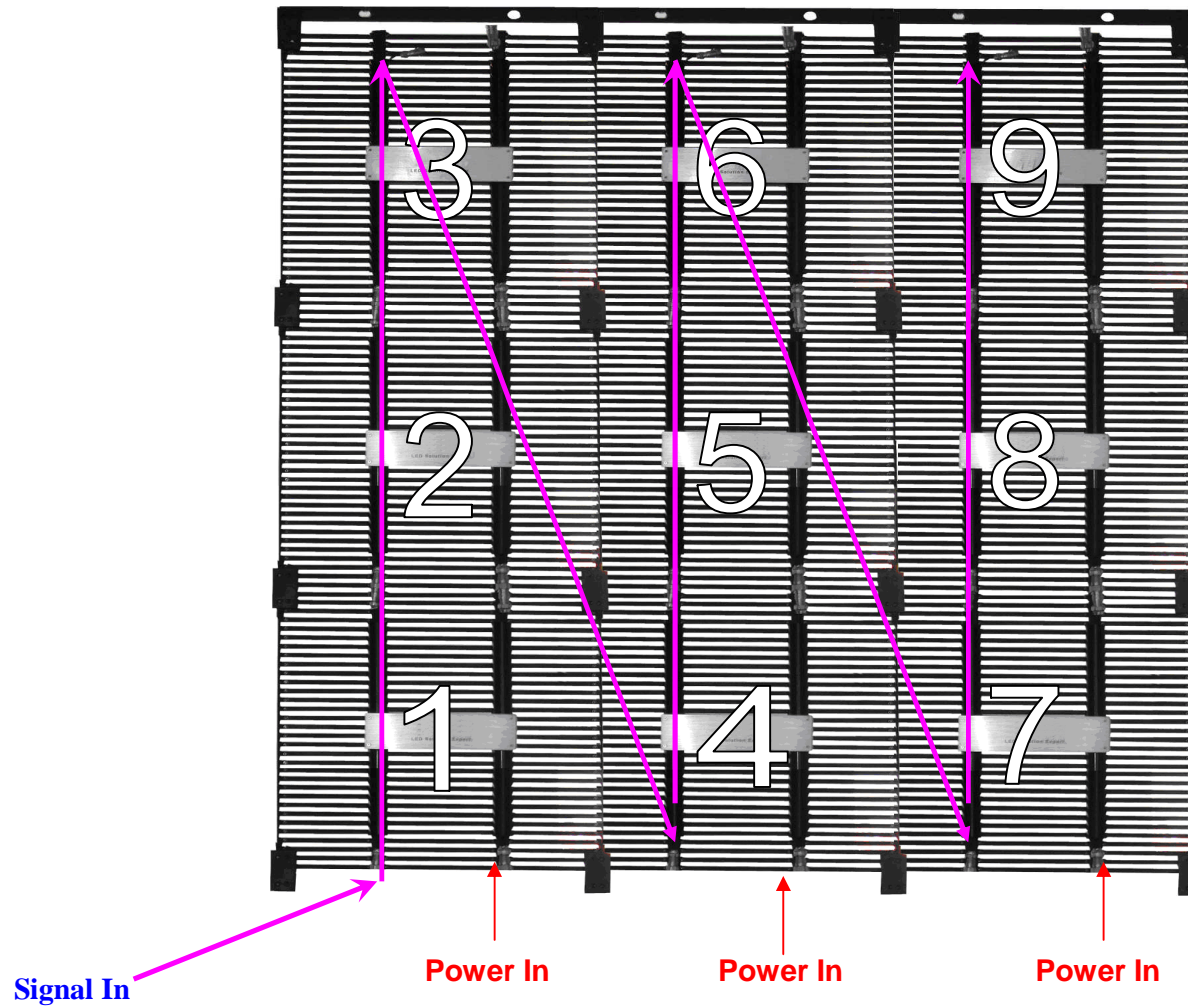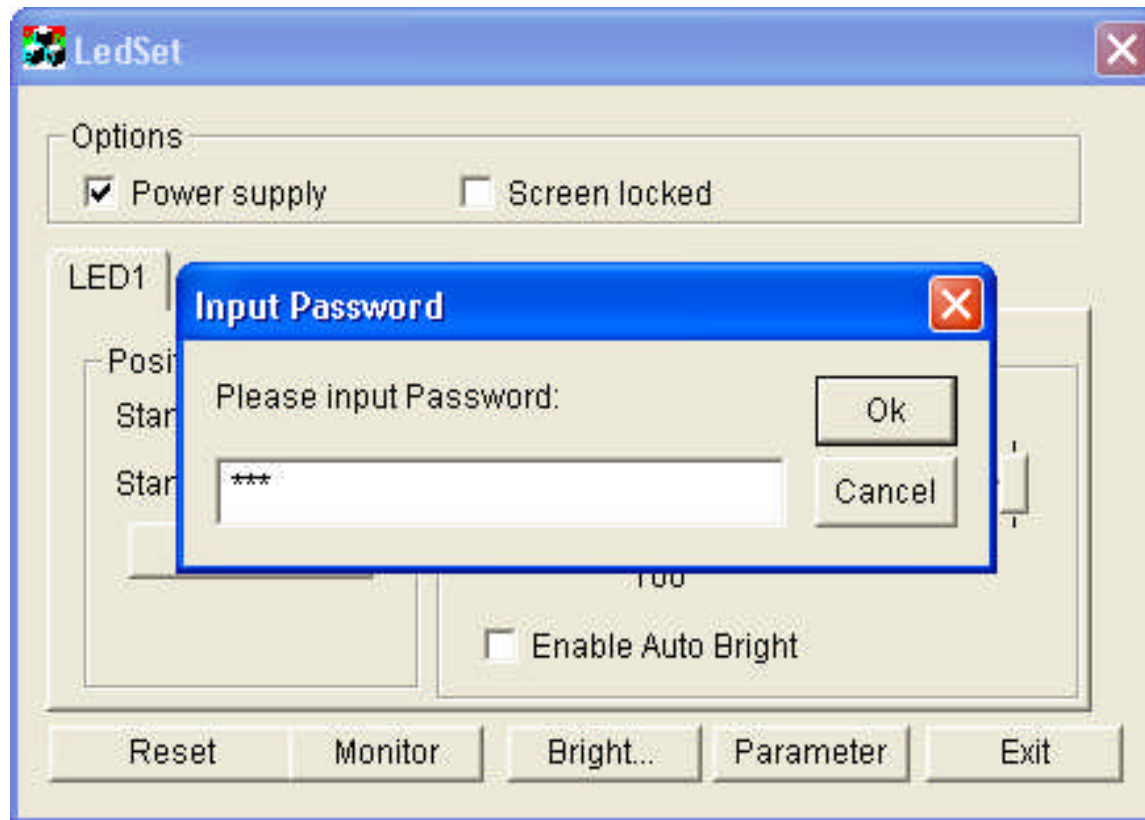
III. Application of Software

1. Launch LED Set software; click "Parameter" as pictured below.
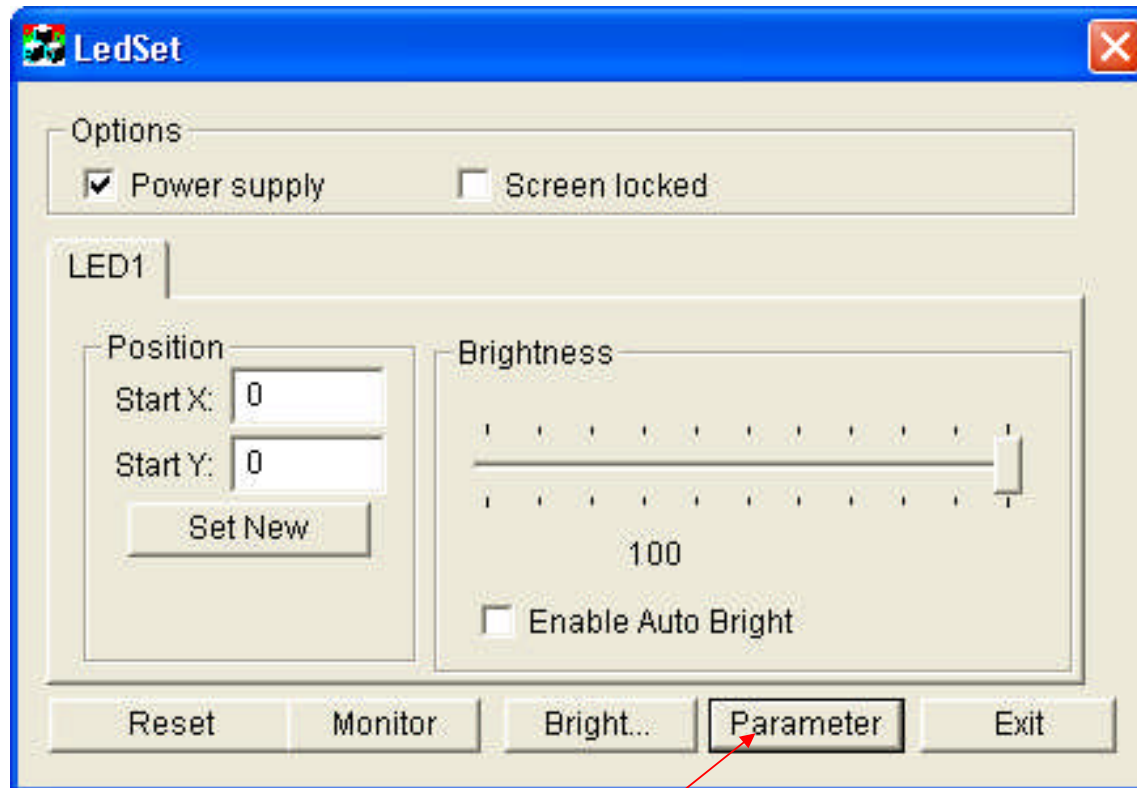
Parameter

2. A password window will pop up as pictured below. Input password "**168**" and click "Ok".

3. Sending card resolution set up: If your screen works in 1024×768 resolution mode, there is no need to select another display mode. If it does not, click the "Display mode" drop down tab and select the correct display resolution for your screen. Click "Save on sender" to confirm.
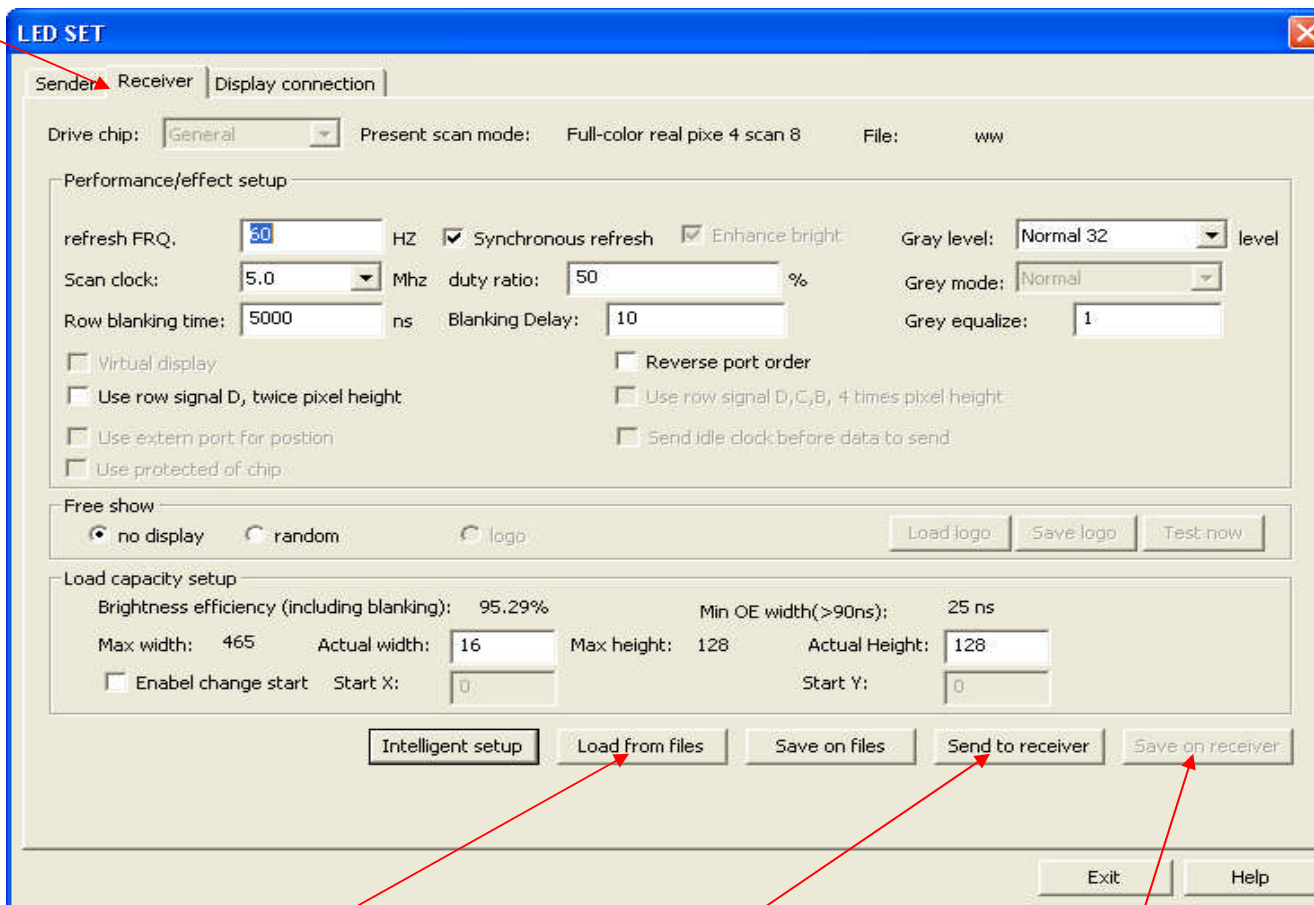
4. Installation of receiving card: Click "*Receiver*" *tab.* Window should display as pictured below. ① Click "Load from files"→select "EVLED1024SMD.RCG" ②Click "Send to receiver"→ ③Click "Save on receiver".

Switch to "Receiver" setup screen
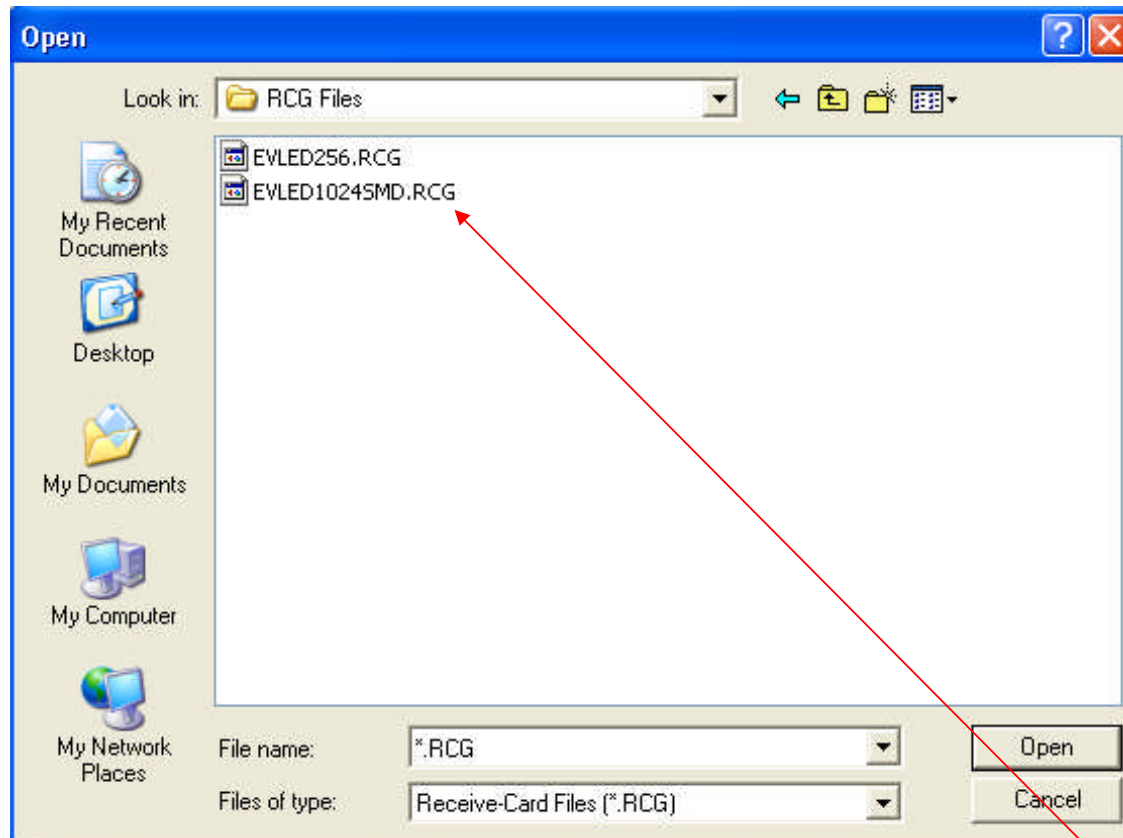

1. Load EVLED1024SMD.RCG panel profile   2. Send profile to receiver   3. Saving profile to sending card

(See next page for more info)

Open

Look in: RCG Files

- EVLED256.RCG
- EVLED1024SMD.RCG

My Recent Documents
Desktop
My Documents
My Computer
My Network Places

File name: *.RCG

Files of type: Receive-Card Files (*.RCG)

Open
Cancel

Select Profile (EVLED1024SMD.RCG)

5. Mapping and setup: (For example: to map 3 rows and 3 columns, setup should be as pictured below)
Update the quantity of screens if using more than one main screen→In "Type", select "virtual pixel display"→set rows and columns for your screen→select pixel points of each panel (The pixel points for each EVLED1024SMD is 32x32)→set the map based on the signal connection (N type connection as pictured below). Follow steps 1 – 9 in order.

(1). Input number of screens

(2). Click "Update display QTY"

(3). Type: select "real pixel display"

(4). Number of panels wide

(5). Number of panels high
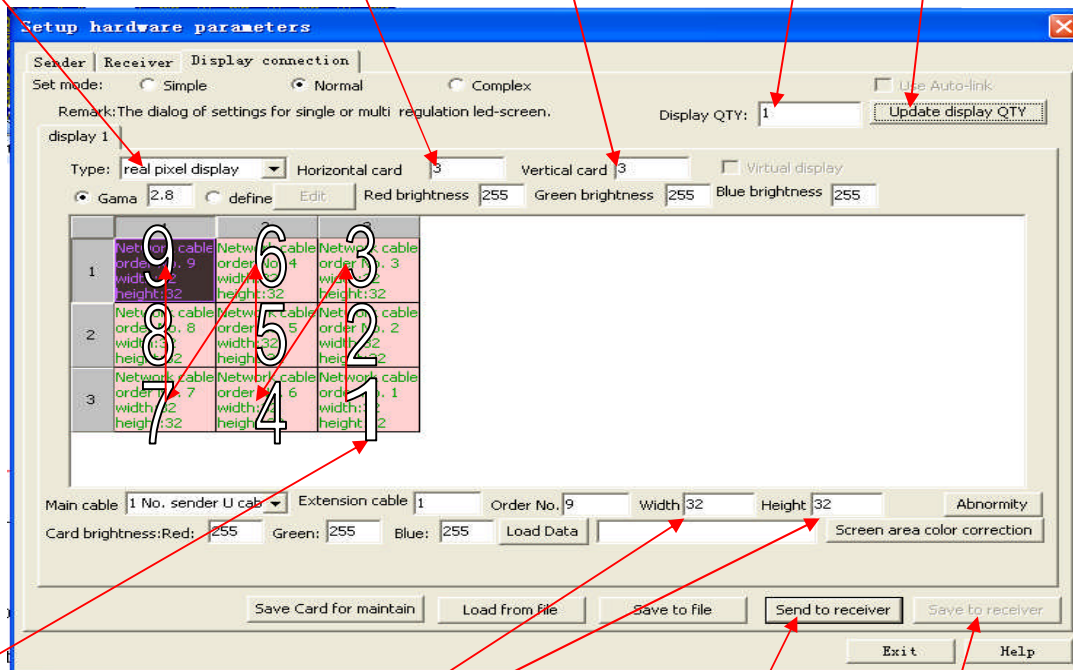


(7). Signal connection:
(Front view data connection)

(9). Save parameter to sending card.

(6). Input the number of pixel points for each panel. The EVLED1024SMD
Panel should be set as 32 Width by 32 Height.

(8). Send settings to sending card.

*NOTE: The EVELED VSC can control/drive up to 1280x1024 resolution. So when using EVLED1024SMD panels, one (1) EVLED VSC controller can drive a wall size of up to 40 panels wide by 32 panels high. Up to eight (8), EVLED1024SMD, panels can be connected into a single 20A circuit.

6. Adjust play area start position: By default, the X/Y start position coordinates are 0 for X and 0 for Y. These coordinates place the play area in the upper left corner of your PC monitor.
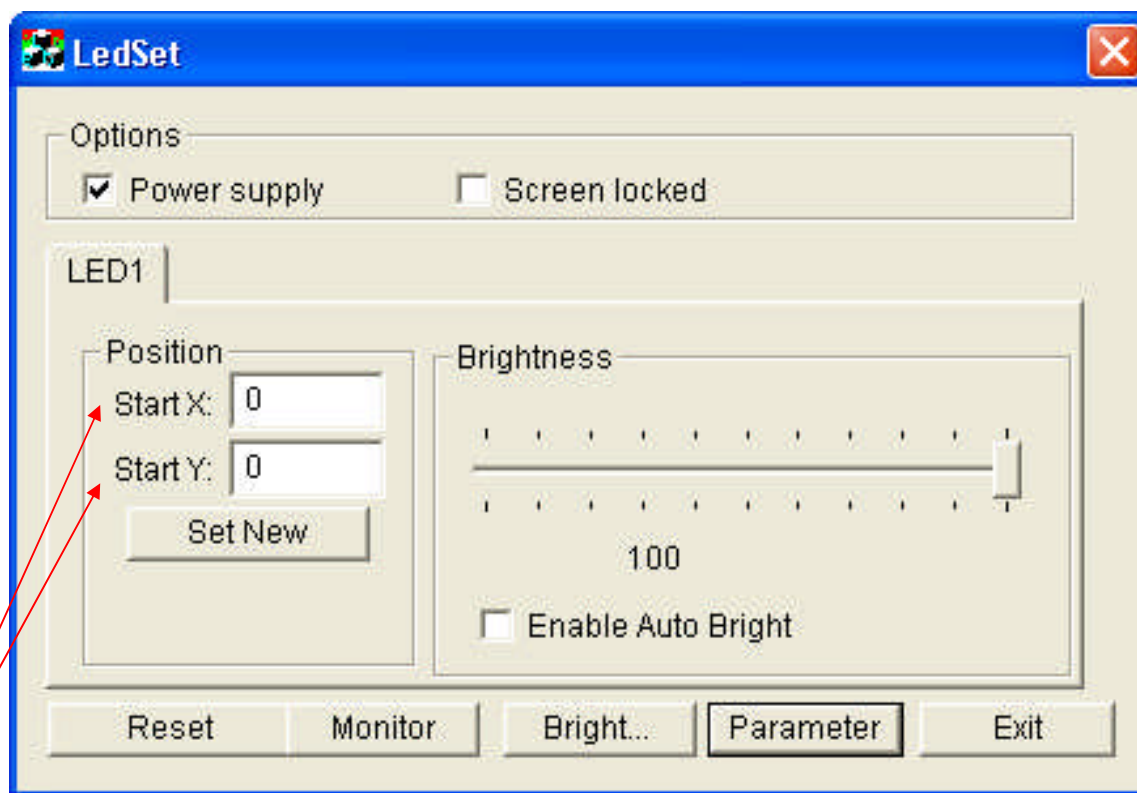
The X start point refers to the width of your monitor. The Y start point refers to the height of your monitor. Simply input the number of pixels that you want the play area of your screen moved to then click "Set New". For example, if I wanted to move my play area down 50 pixels, I'd input a value of 50 into the "Start Y" box and click "Set New". The play area will immediately move down and display whatever is currently in that area onto your video wall.