



**EVLED256 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.

EVLED VSC Controller

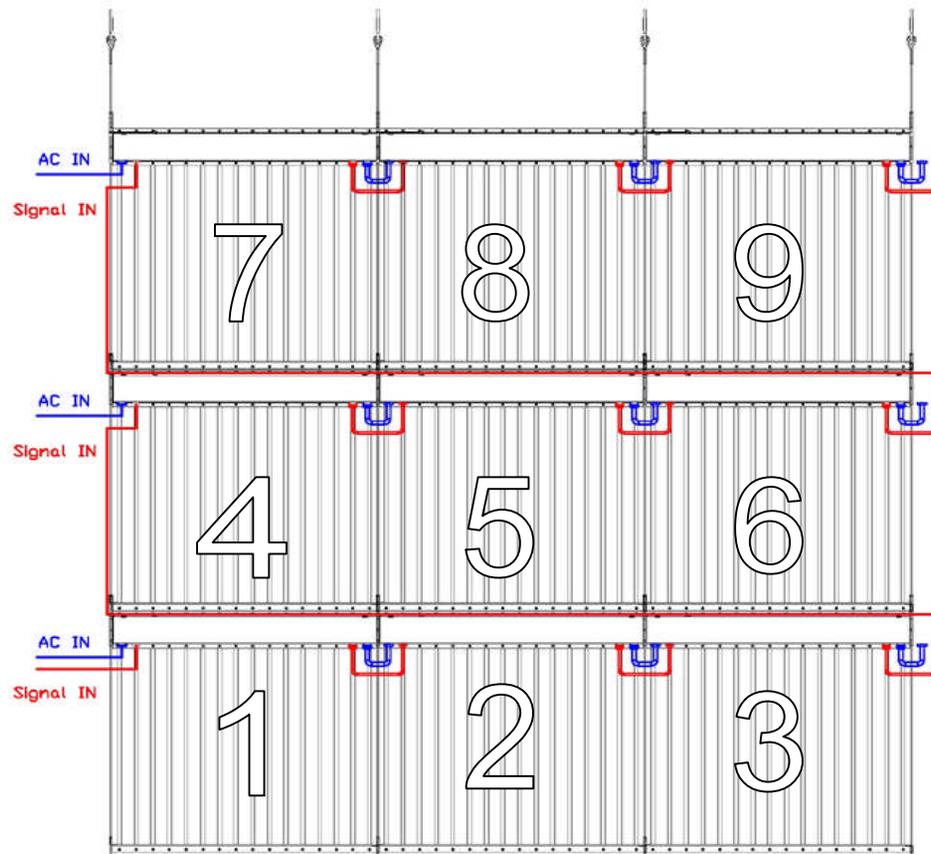
One end of DVI cable connects with sending card in EVLED VSC controller



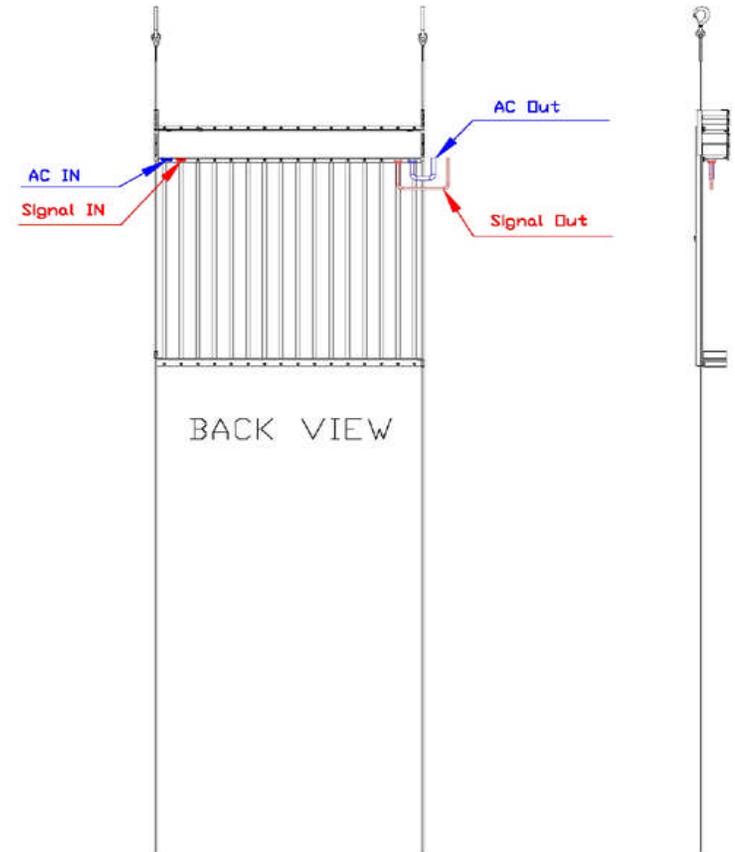
Connect the RS232 data cable into your PC (Use the RS232 to USB convertor if you don't have RS232 on your PC). Connect RJ11 end into the EVLED-VSC.

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). **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.



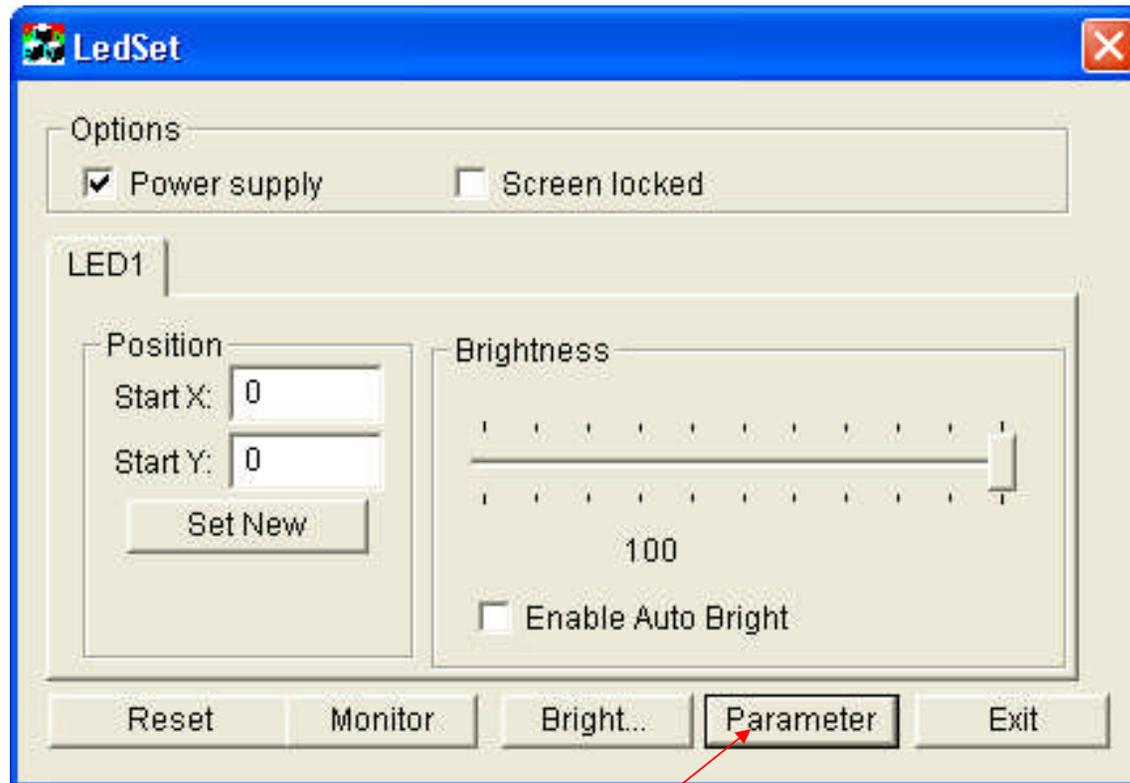
BACK VIEW



BACK VIEW

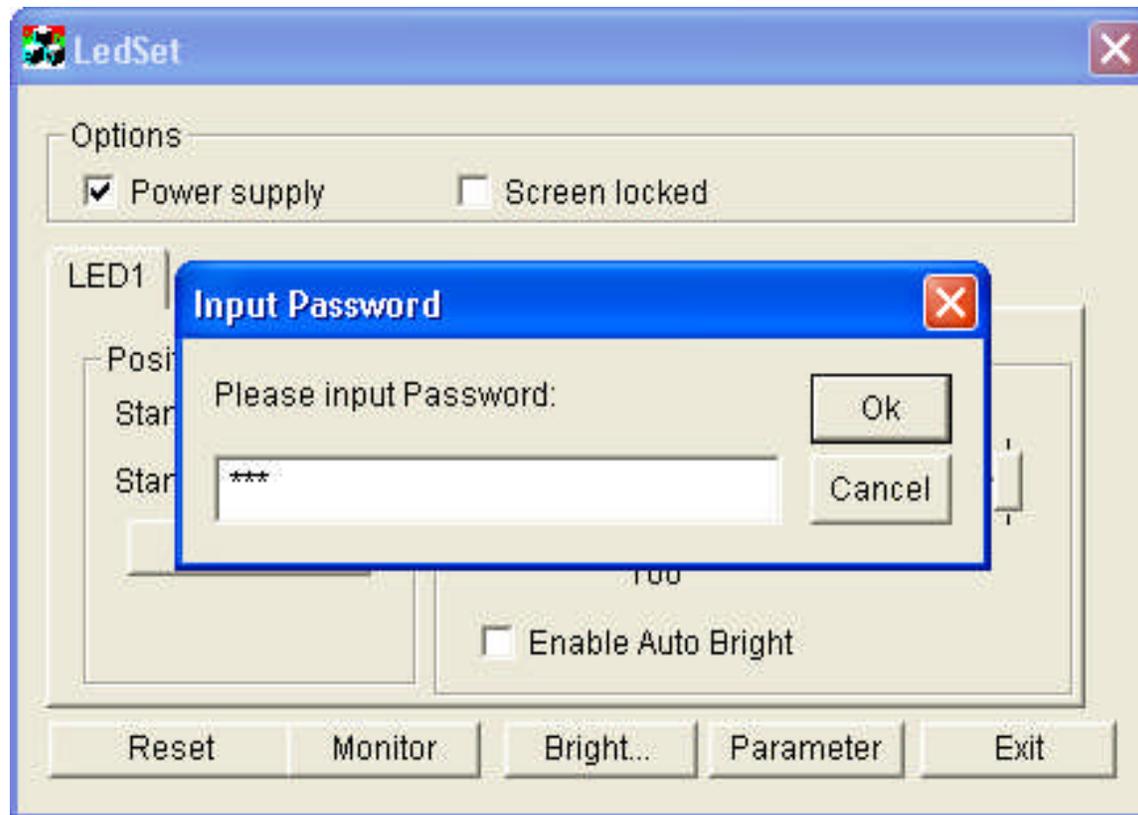
III. Application of Software

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 1024x768 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.

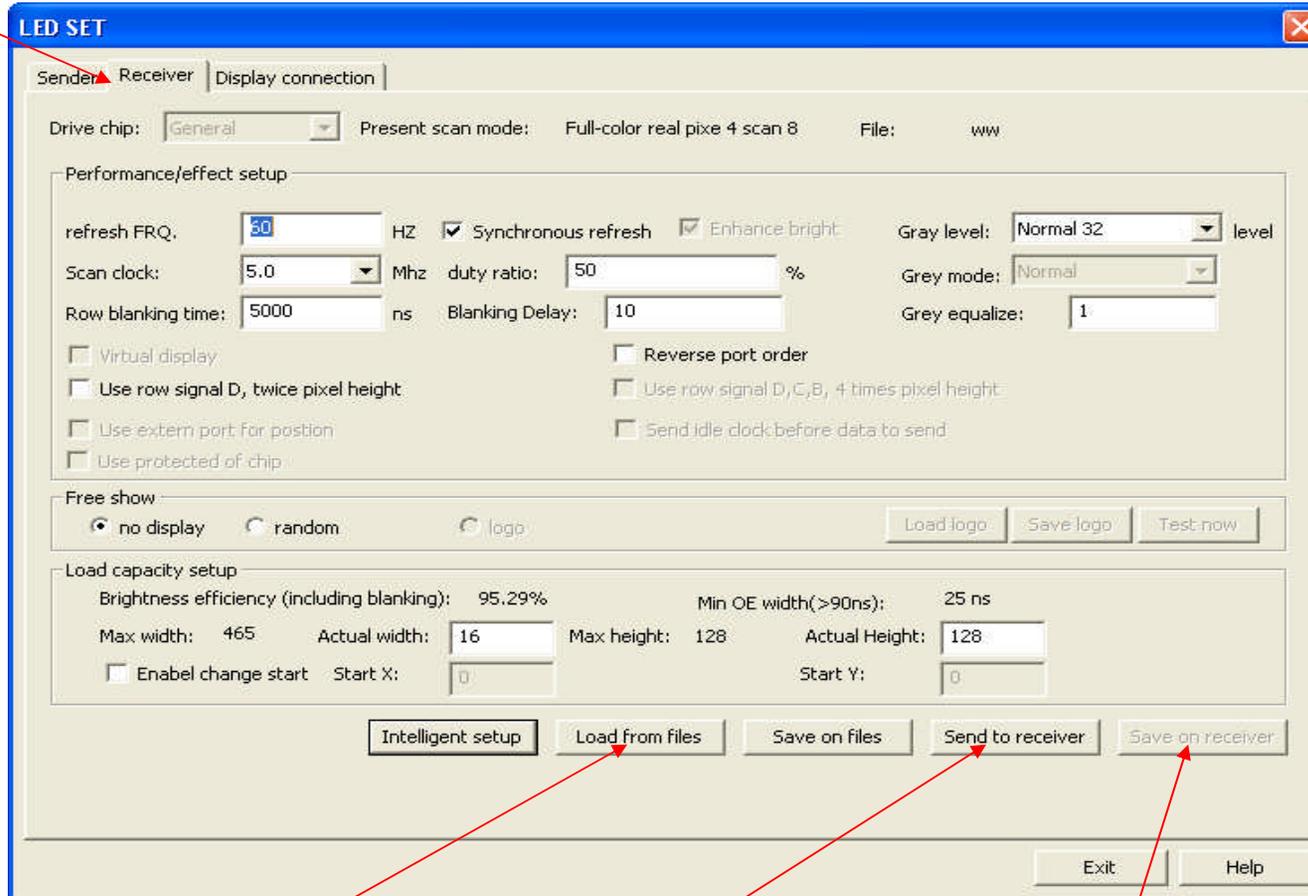
The screenshot shows the 'LED SET' software window with the 'Sender' tab selected. The interface is organized into several sections:

- Display mode:** A dropdown menu currently set to '1024x768'.
- Hardware port:** Includes a 'Main card' dropdown set to 'Auto' and a 'Sender Num' text box containing '1'.
- Y Start:** A checkbox for 'Auto' is checked, with a text box next to it containing '0'.
- Screen power:** Radio buttons for 'Auto on/off' (selected) and 'Off'.
- Hardware:** A section with 'Hardware:00.1' and 'Model: Unkown'. It includes a sub-section 'other' with two checkboxes: '32 dot change at 8 row' and '32 dot change at 16 row', both of which are unchecked.
- Asyn mode:** Radio buttons for 'Auto asyn' (selected), 'Unallowable asyn', and 'Manual asyn'.
- 8G only:** A group of checkboxes including 'Use 8G', 'Use 10 bit colors', 'Use plug and play for DVI' (checked), 'Enable dot-correct for soft', 'Enable dot-correct for hardw', 'Use monitor for card/box' (checked), 'Use monitor for dot', and 'Single Color only'.
- Port of hot backup:** A list of checkboxes for 'Card 1U' through 'Card 4D', all of which are unchecked.
- Virtual by interleaved:** A section with a 'Mode' dropdown set to 'None', 'Direction' radio buttons for 'Left' (selected) and 'Right', and text boxes for 'Offset' and 'Step', both containing '0'.

At the bottom of the window, there are buttons for 'Default', 'Save on sender', 'Exit', and 'Help'.

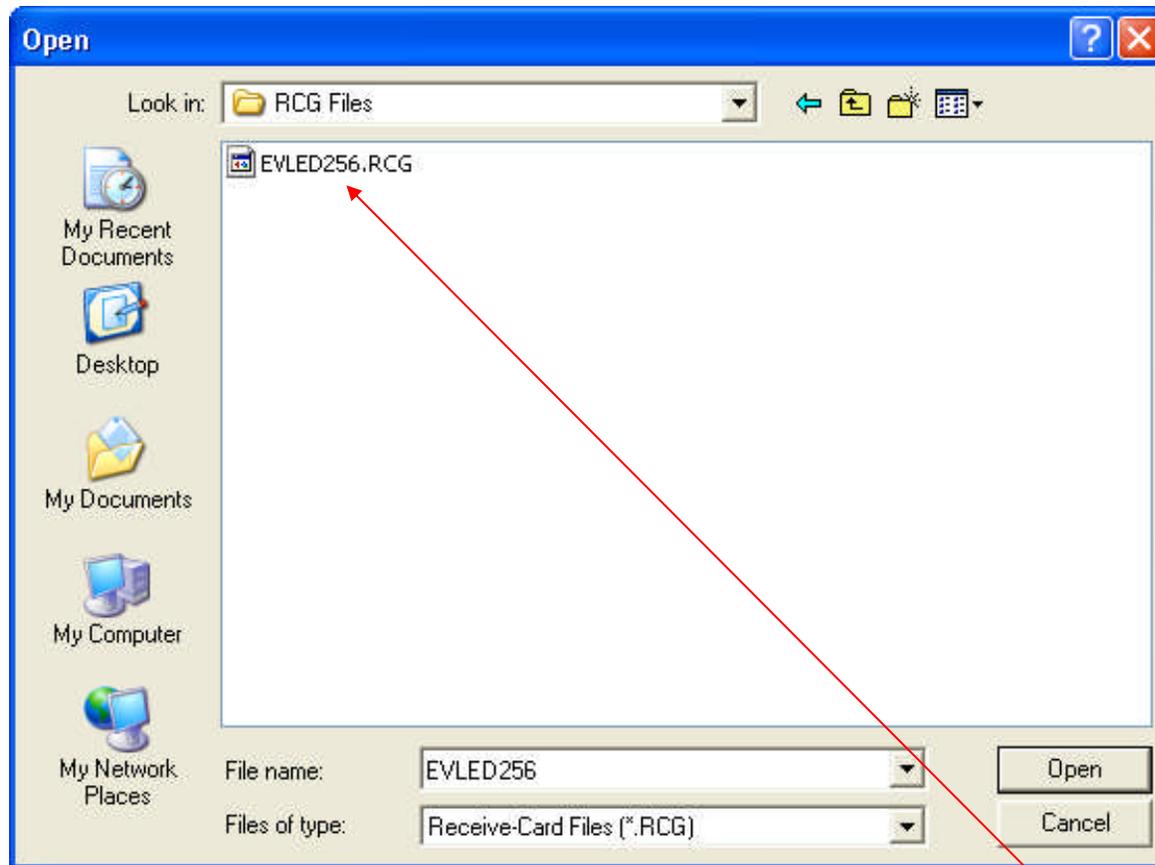
4. Installation of receiving card: Click “Receiver” tab. Window should display as pictured below. ① Click “Load from files”→select “EVLED256.RCG” ②Click “Send to receiver”→ ③Click “Save on receiver”.

Switch to “Receiver” setup screen



1. Load EVLED256.RCG panel profile
2. Send profile to receiver
3. Saving profile to sending card

(See next page for more info)



Select Profile (EVLED256.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 EVLED256 is 16x16)→set the map based on the signal connection (Z type connection as pictured below). Follow steps 1 – 9 in order.

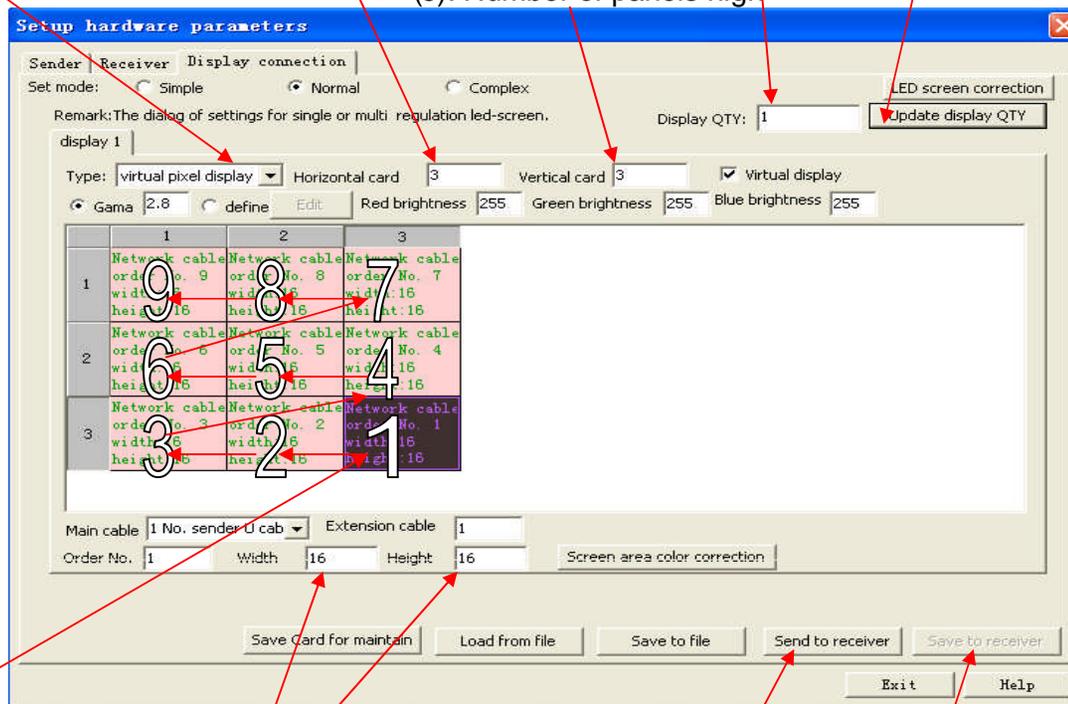
(1). Input number of screens

(2). Click “Update display QTY”

(3). Type: select “virtual pixel display”

(4). Number of panels wide

(5). Number of panels high



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

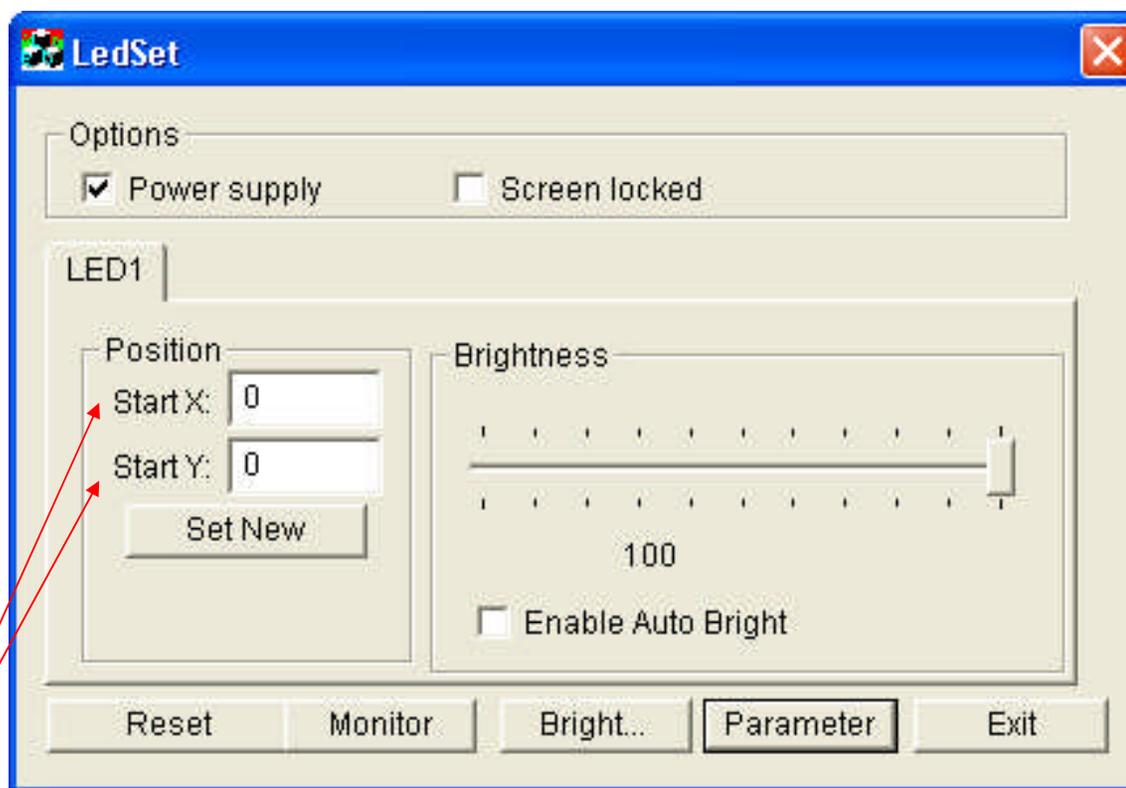
(6). Input the number of pixel points for each panel. The EVLED256
Panel should be set as 16 Width by 16 Height.

(9). Save parameter to sending card.

(8). Send settings to sending card.

***NOTE:** The EVELED VSC can control/drive up to 1280x1024 resolution. So if using EVLED256 panels, one (1) EVLED VSC controller can drive a wall size of up to 80 panels wide by 64 panels high. Up to ten (10), EVLED256, 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.