

## 1. Features

(1). H803TV is an online master controller that transmits data over DVI/HDMI interface.

(2). Four network interfaces drive maximum 400000 pixels.

(3). It supports dual-monitor mode, multi-monitor extension mode and duplication mode.

(4). Support the following resolutions: 1024x768, 1280x720, 1280x960, 1280x1024, 1360x765, 1360x1020, 1600x900, 1600x1200.

(5). Use the autorun USB to transmit and control data, which is applied to both 32-bit and 64-bit operating systems.

## 2. Supported driver chips

LPD6803, LPD8806, LPD1882, LPD1889, LPD6812, LPD1883, LPD1886, DMX512, HDMX, APA102, MY9221, DZ2809, SM16716, SM16711, UCS6909, UCS6912, UCS1903, UCS1909, UCS1912, WS2801, WS2803, WS2811, WS2812, INK1003, TM1812, TM1809, TM1804, TM1803, TM1913, TM1914, TM1926, TM1829, TM190, TM1814, BS0901, BS0902, BS0825, BS0815, LY6620, BS0825, LD1510, LD1512, LD1530, LD1532, TLS3001, TLS3002, DM412, DM413, DM114, DM115, DM13C, DM134, DM135, DM136, MBI6023, MBI6024, MBI5001, MBI5168, MBI5016,

MBI5026, MBI5027, 74HC595, 6B595, TB62726, TB62706, ST2221A, ST2221C, XLT5026, ZQL9712, ZQL9712HV, HEF4094, A8012, etc.

Note: H803TV supports more than the chips listed above(some chips have the same sequence diagram, such as UCS2903 has the same sequence diagram with UCS1903, so H803TV supports them all).

### 3. Controller and Accessories display



USB cable



HDMI/DVI cable



Adapter(9V DC 1A output)

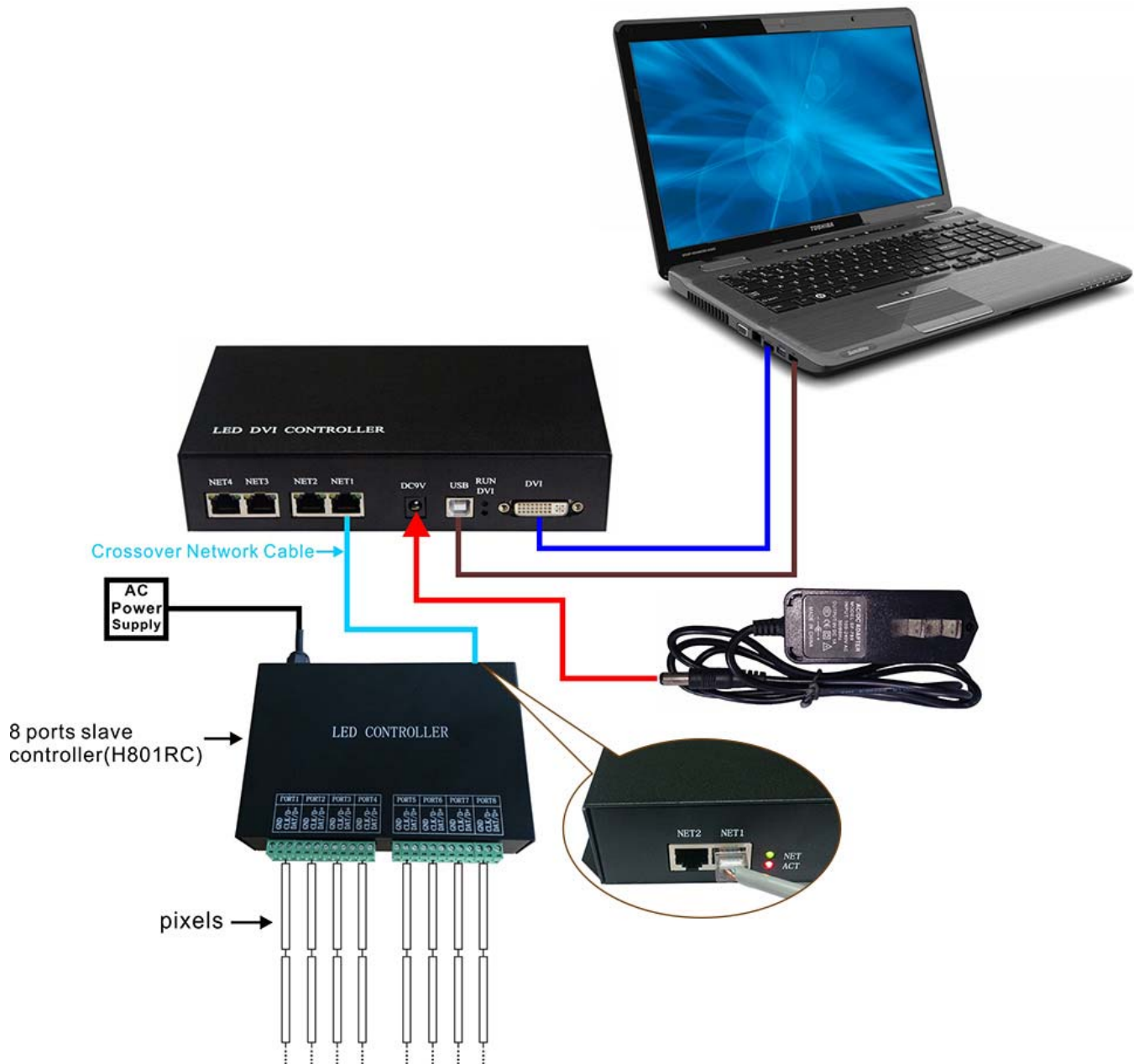


#### 4. Package Include

1 pcs controller, 1 pcs USB cable, 1 pcs DVI cable, 1 pcs adaptor

#### 5. Basic Workflow

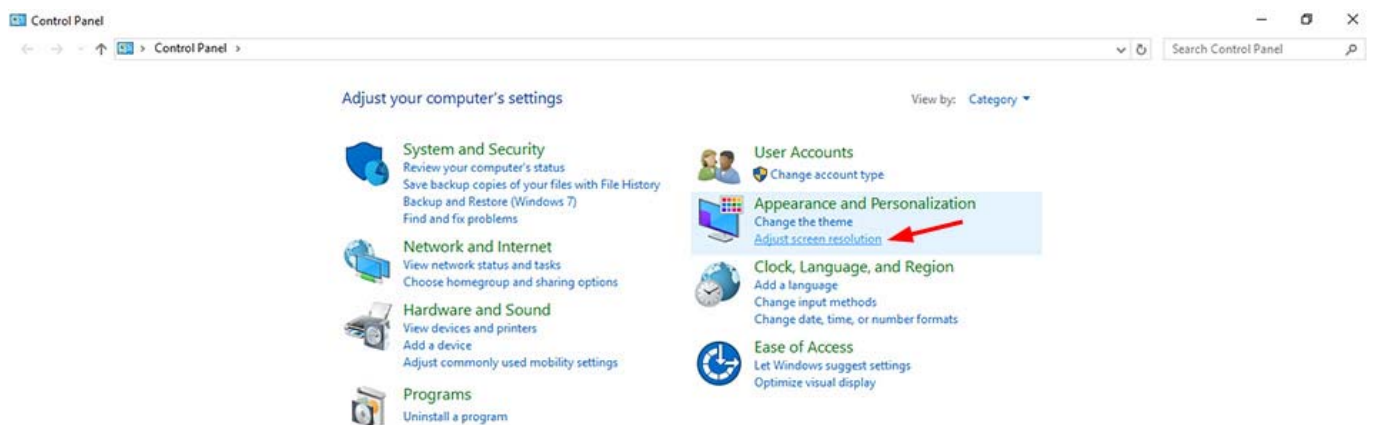
## Step 1. Set them up



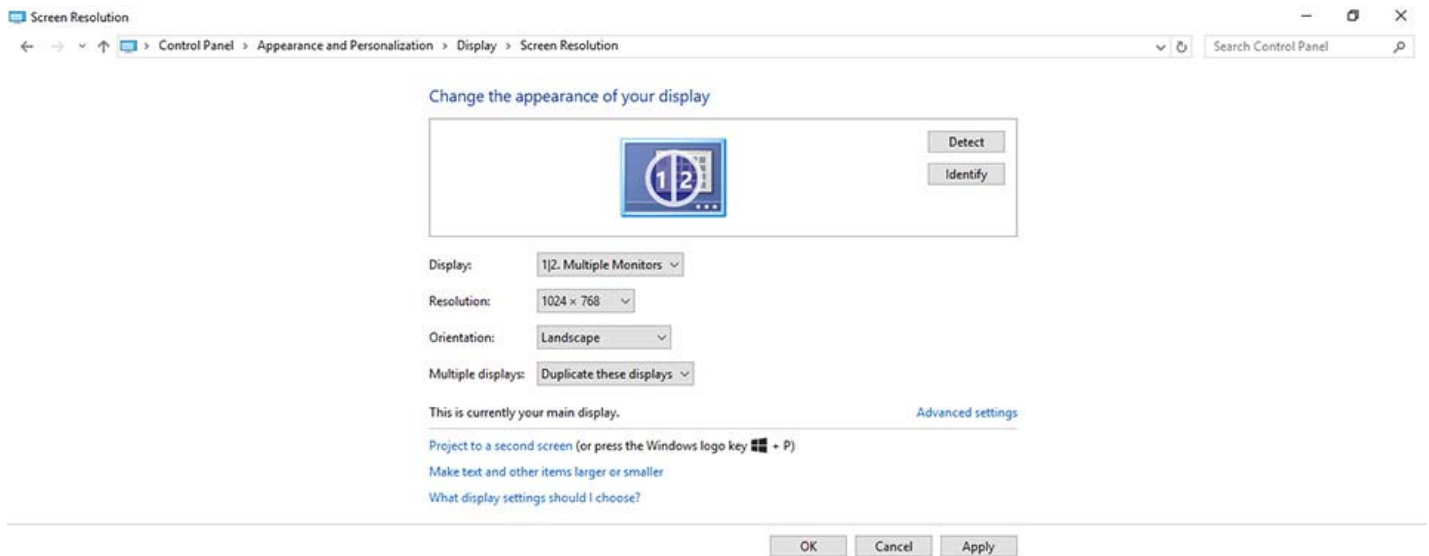
## Step 2. Change the appearance of display

Press WIN+X on keyboard





Please refer to the following settings



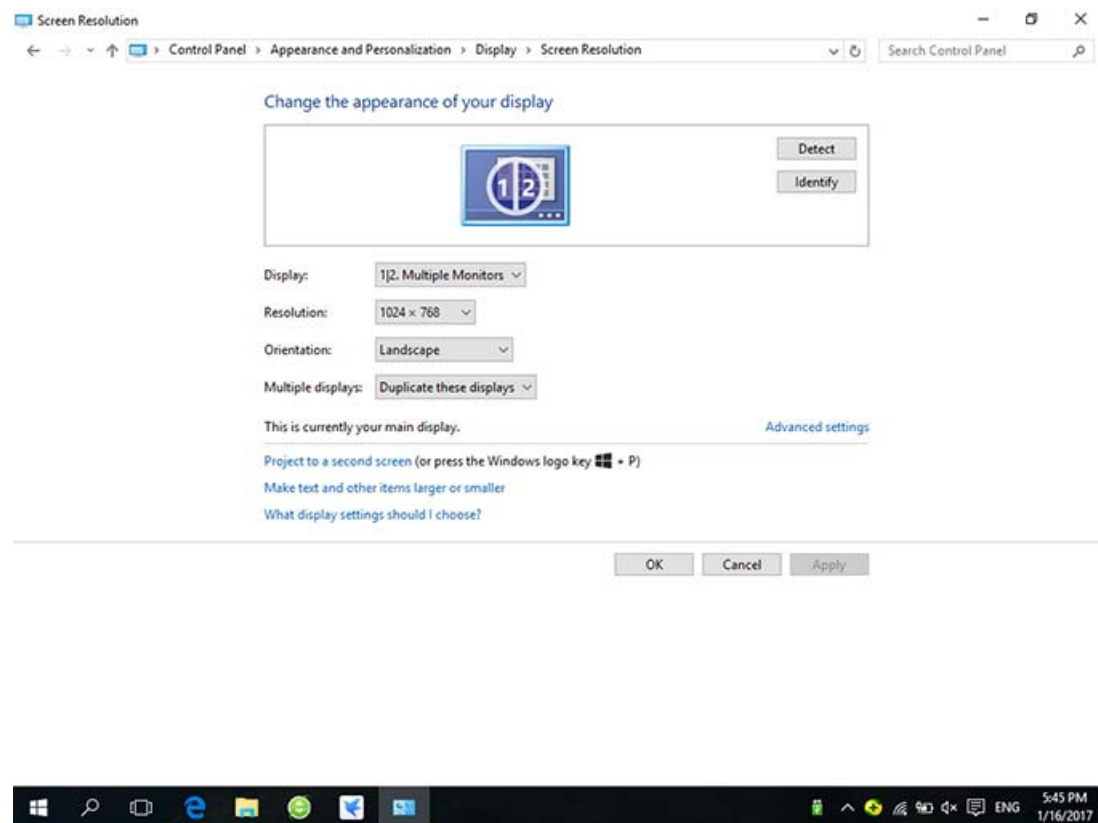
Note:

1). H803TV supports the following resolutions: 1024x768, 1280x720, 1280x960, 1280x1024, 1360x765, 1360x1020, 1600x900, 1600x1200.

2). It supports dual-monitor mode, multi-monitor extension mode and duplication mode.

Here, i just choose 1024x768 and duplication mode for example.

Then, click "Apply", "OK".



The visible area of your screen should be 1024x768 now.

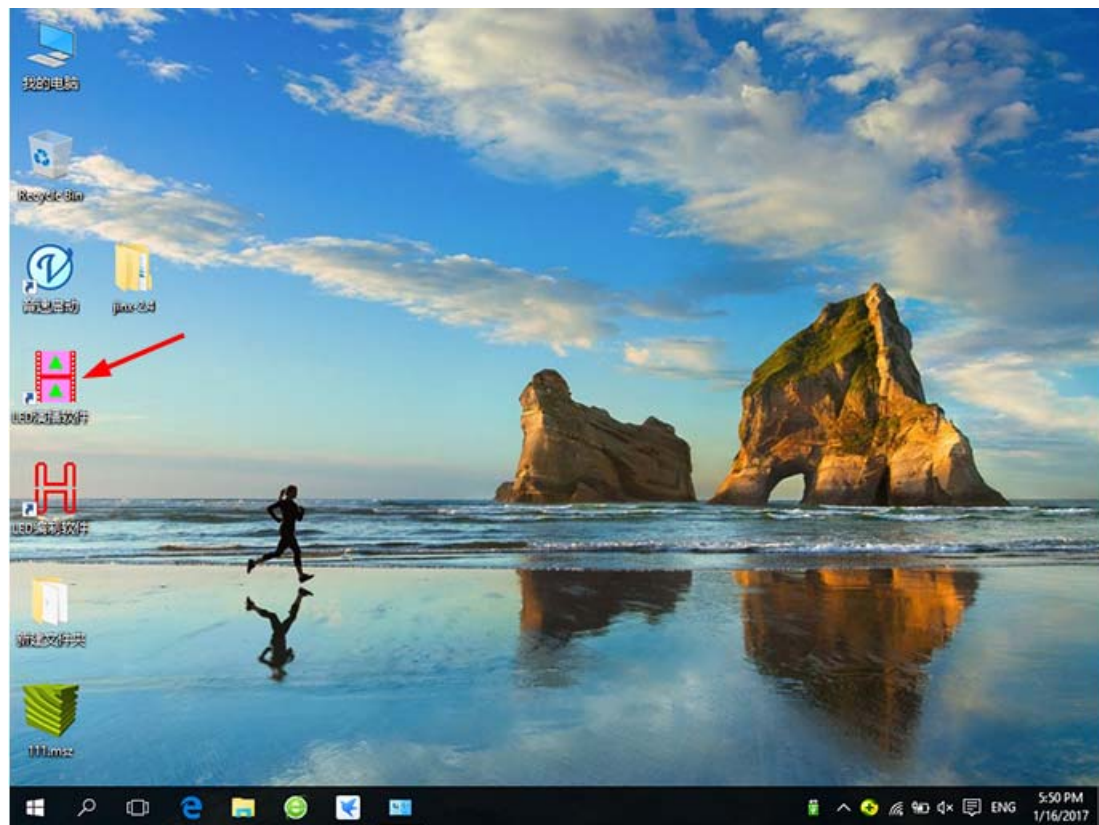
### Step 3. Configure Led Studio

LED Studio Dwonload:

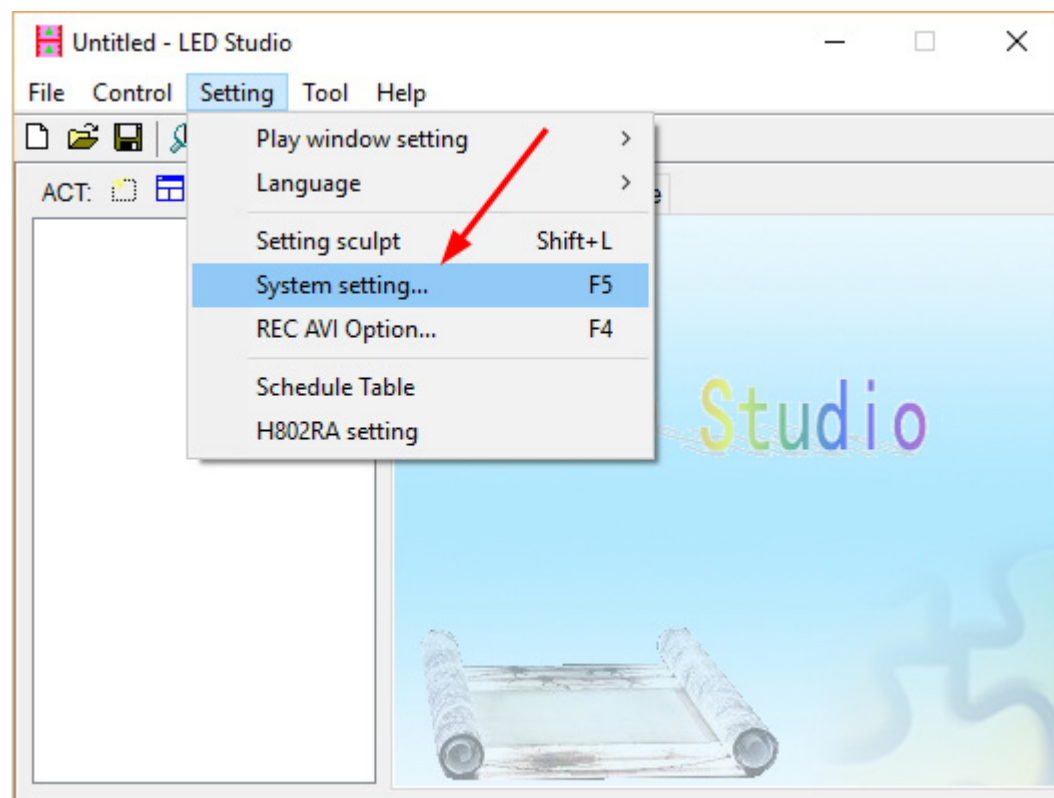
[https://drive.google.com/open?id=0B1gzqyV6hfOgbFZrMHdwVzU1X](https://drive.google.com/open?id=0B1gzqyV6hfOgbFZrMHdwVzU1X0E)

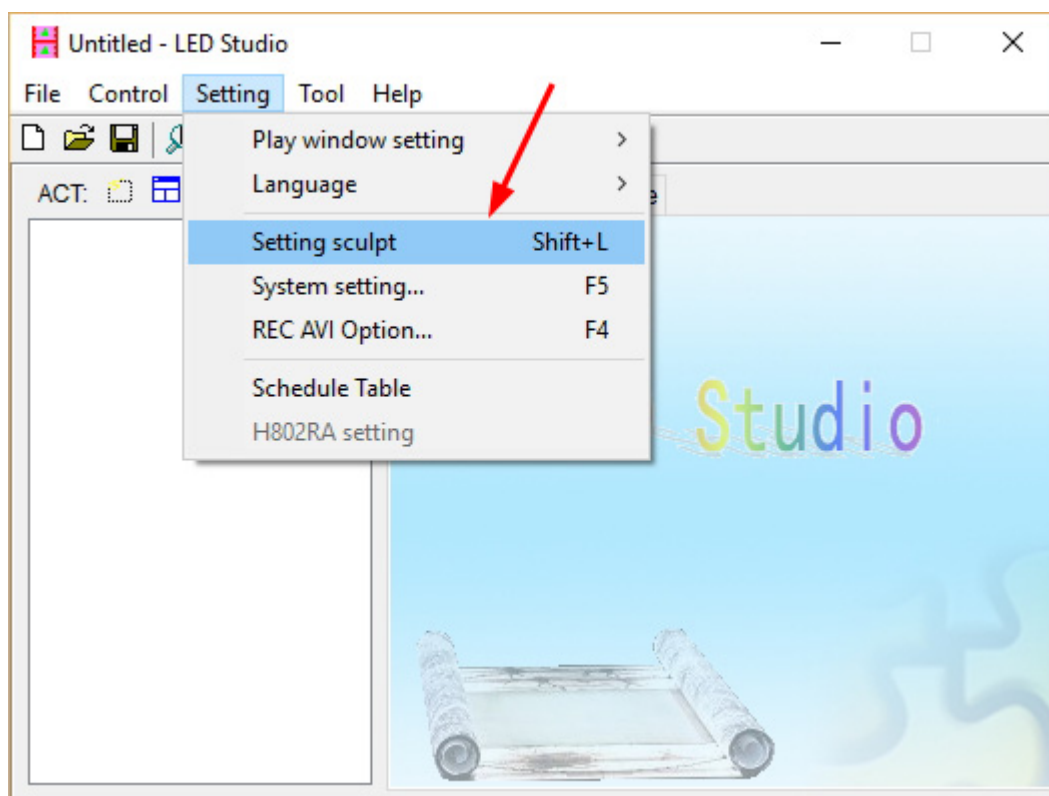
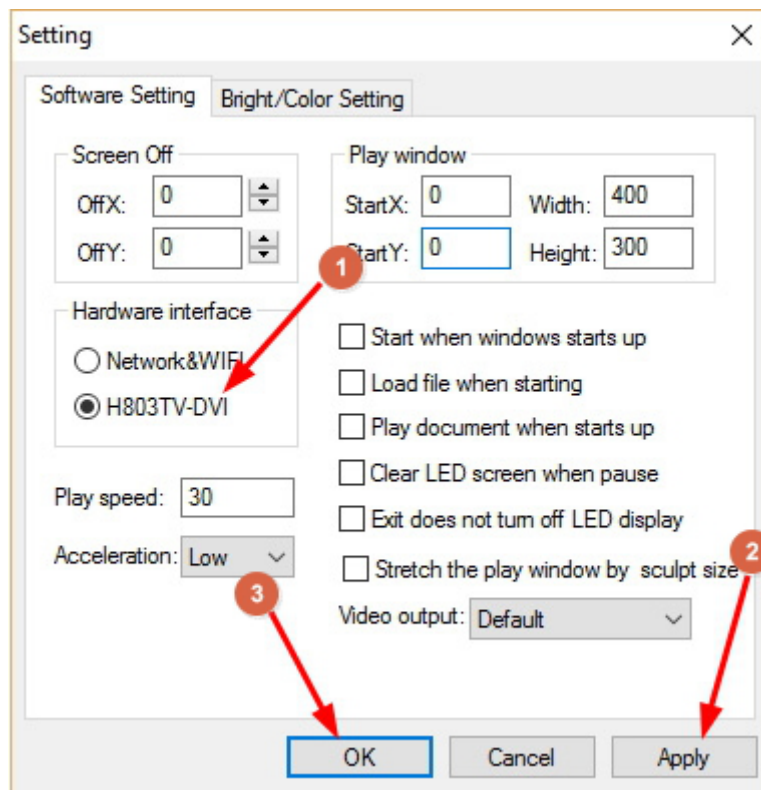
0E



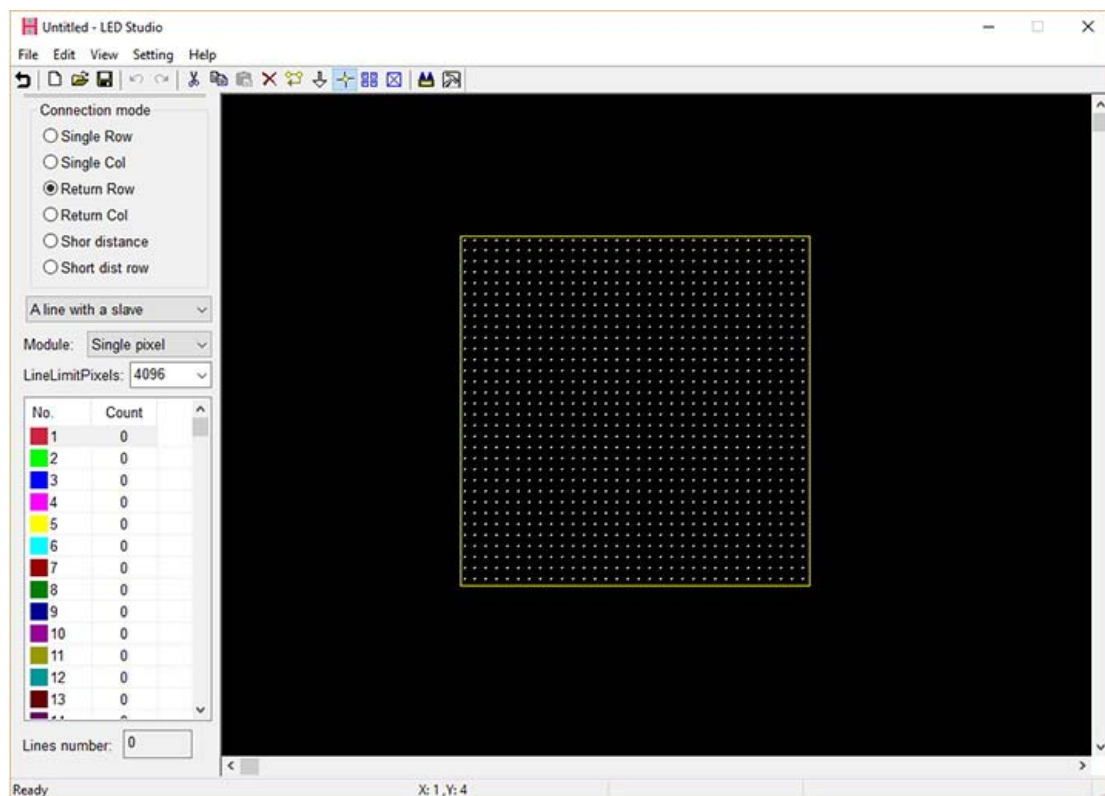
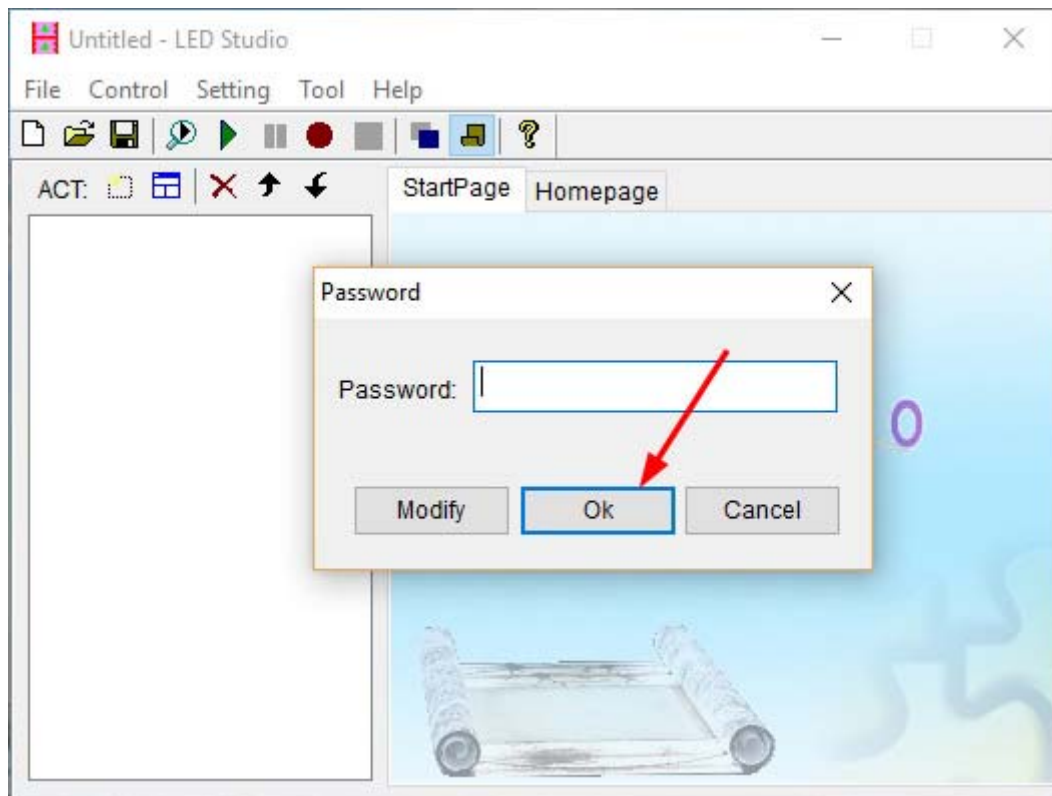


Open it

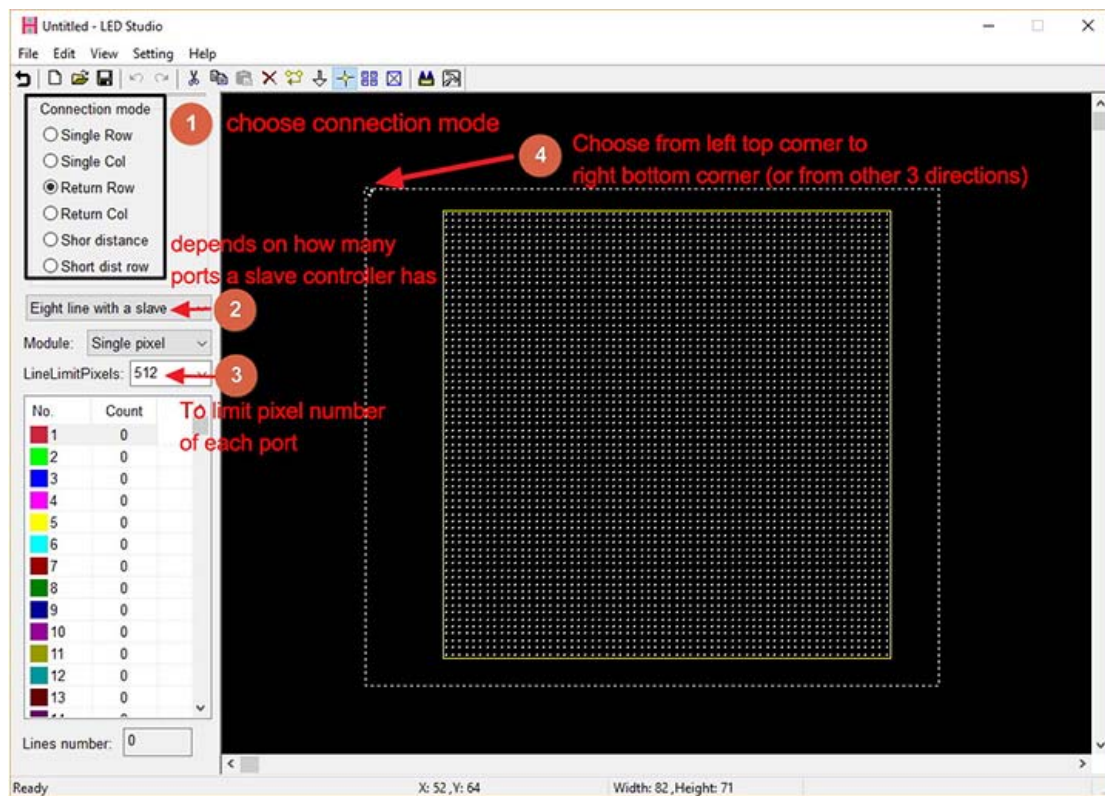
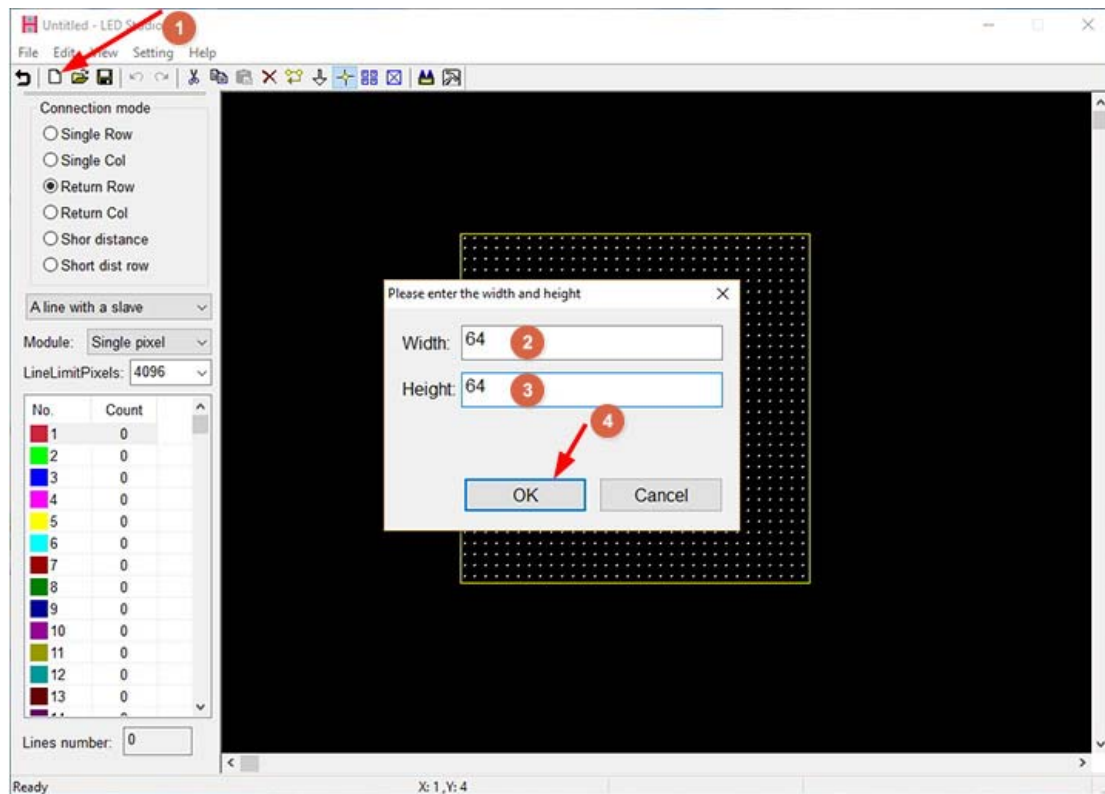




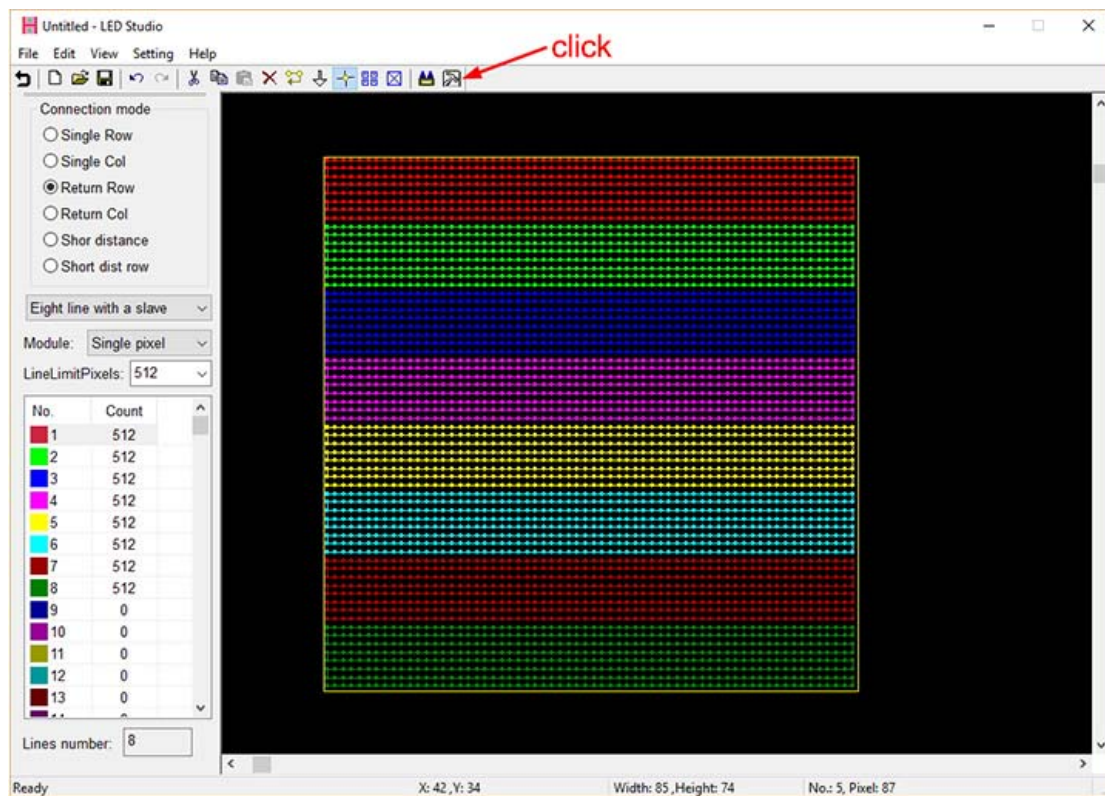
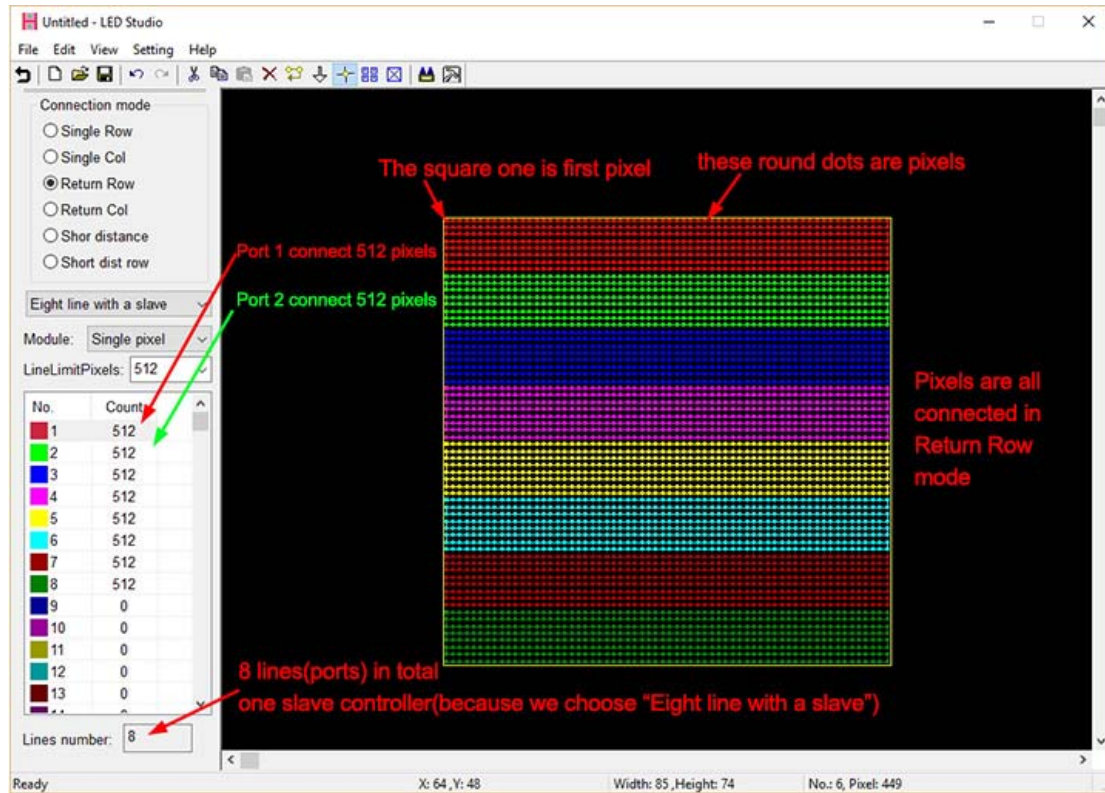
Password is not needed

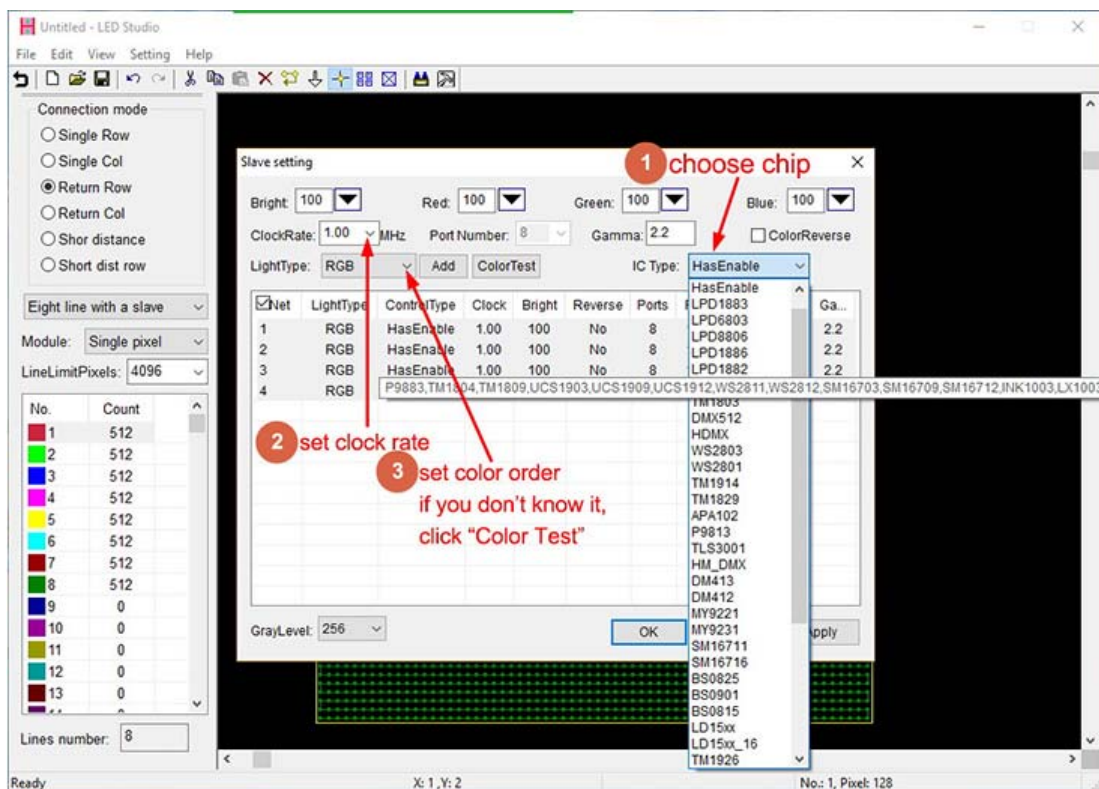
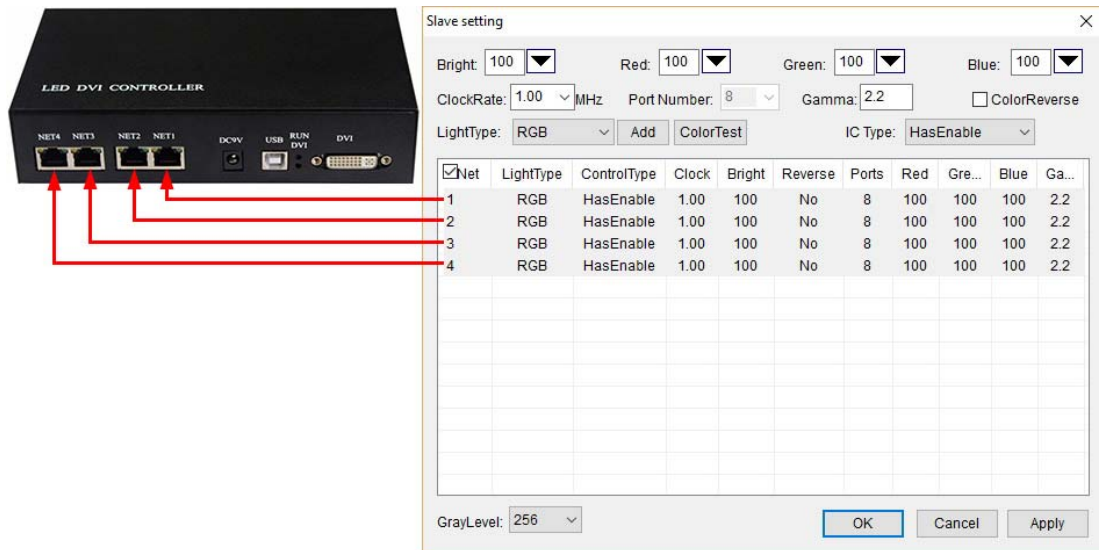


For example if you have a 64(pixels) by 64(pixels) screen. Click the following icon or "File" -- "New".





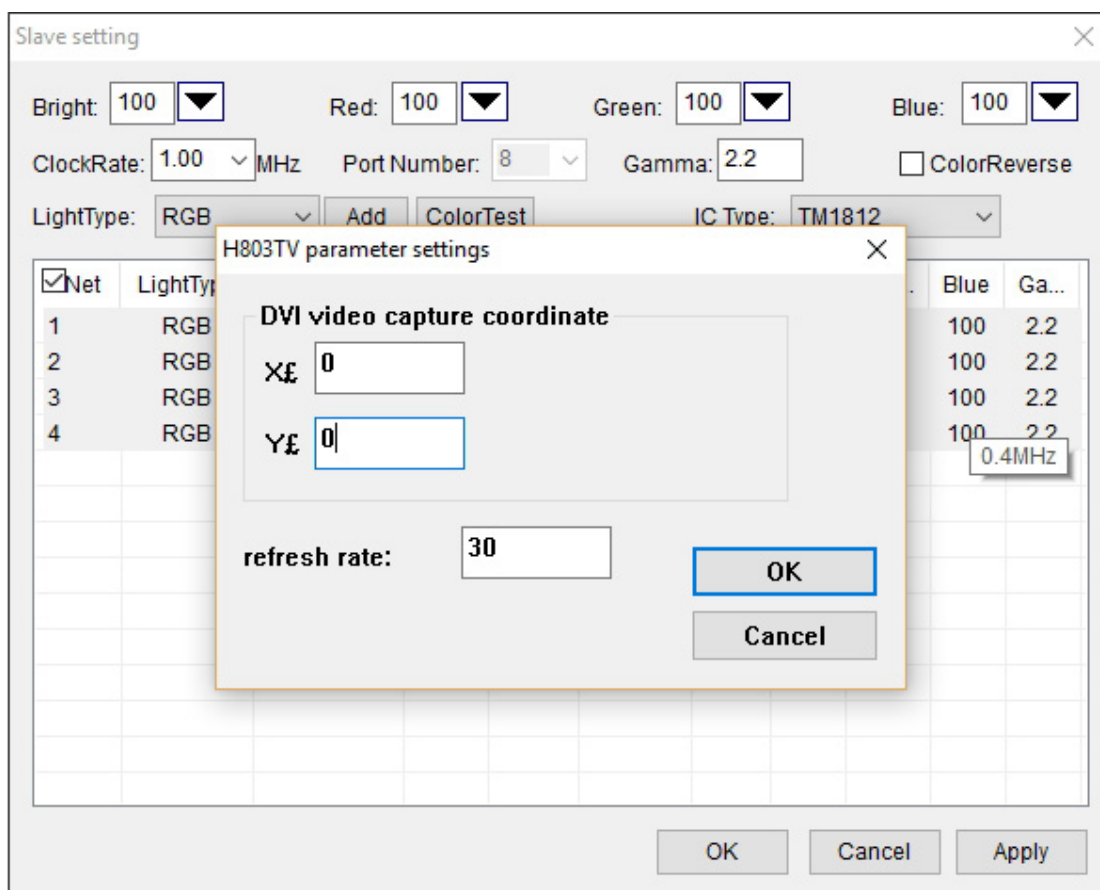
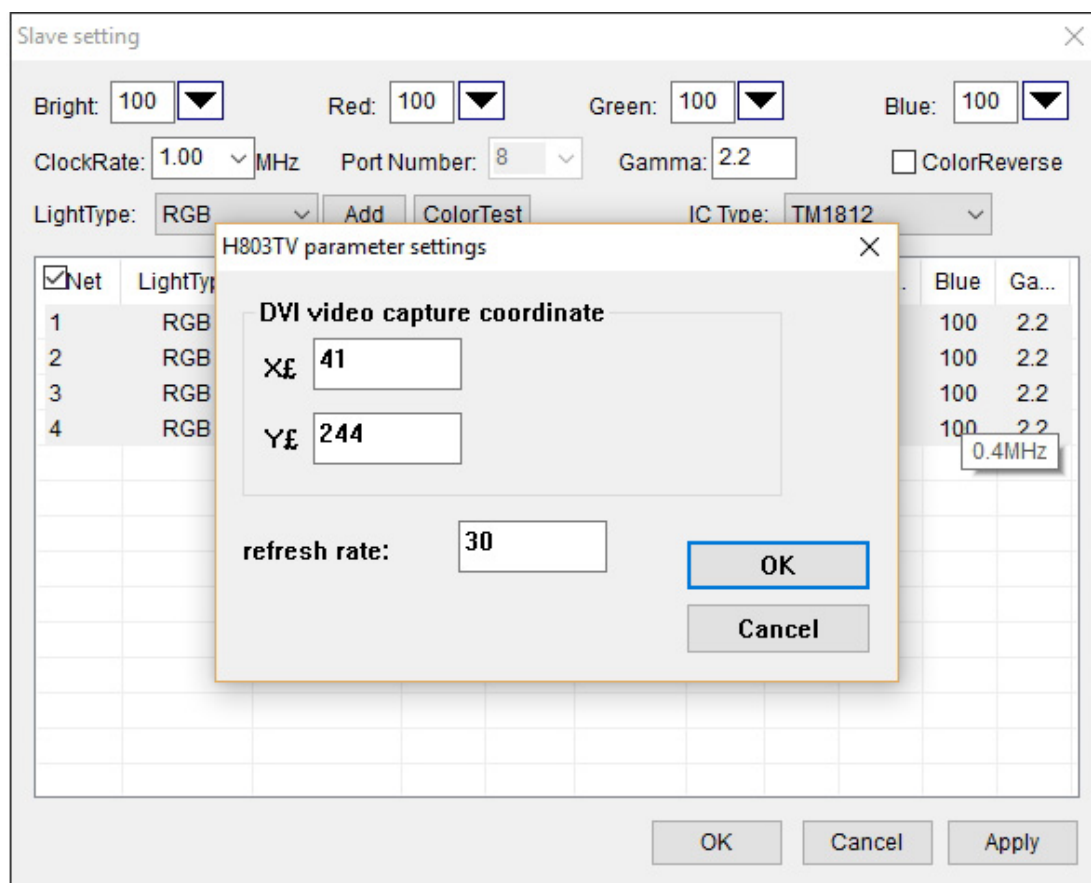




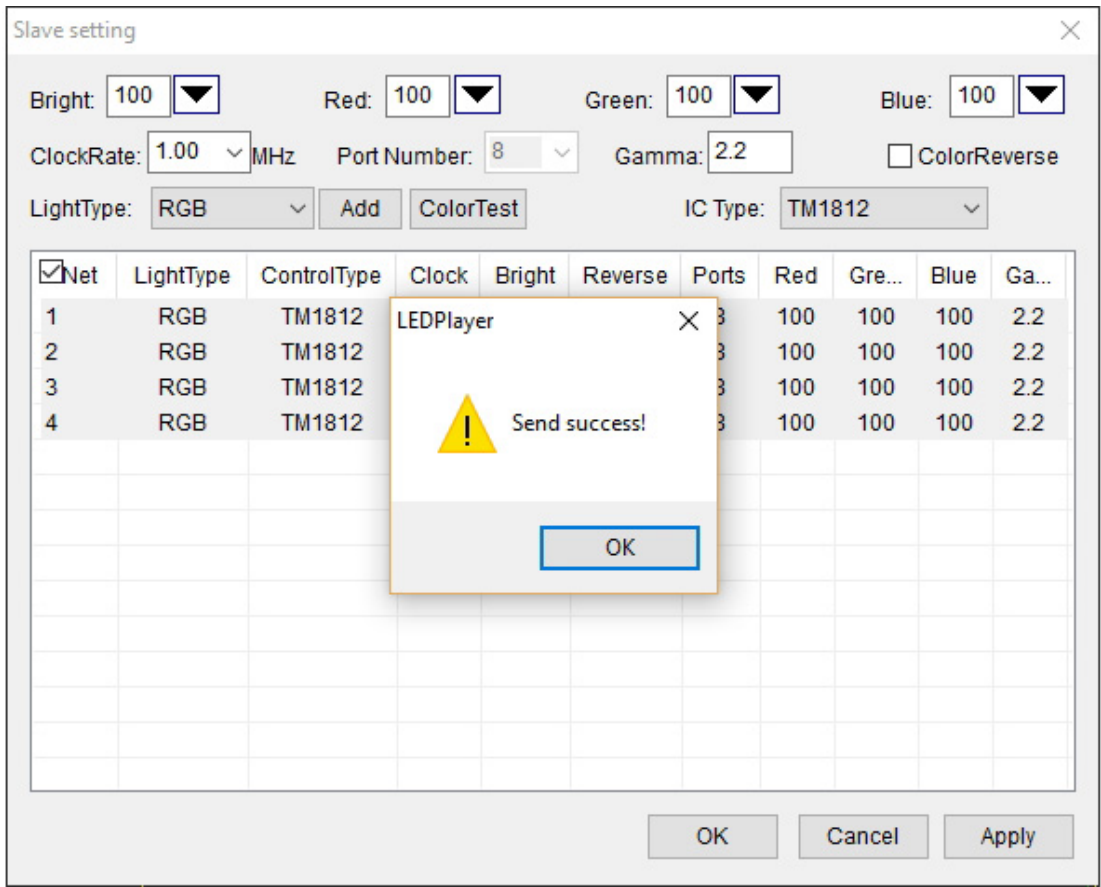
Then, click "Apply", pops up the following window.

Origin position: the top left corner of your screen, normally, i set X, Y both to 0





Then, click "OK"

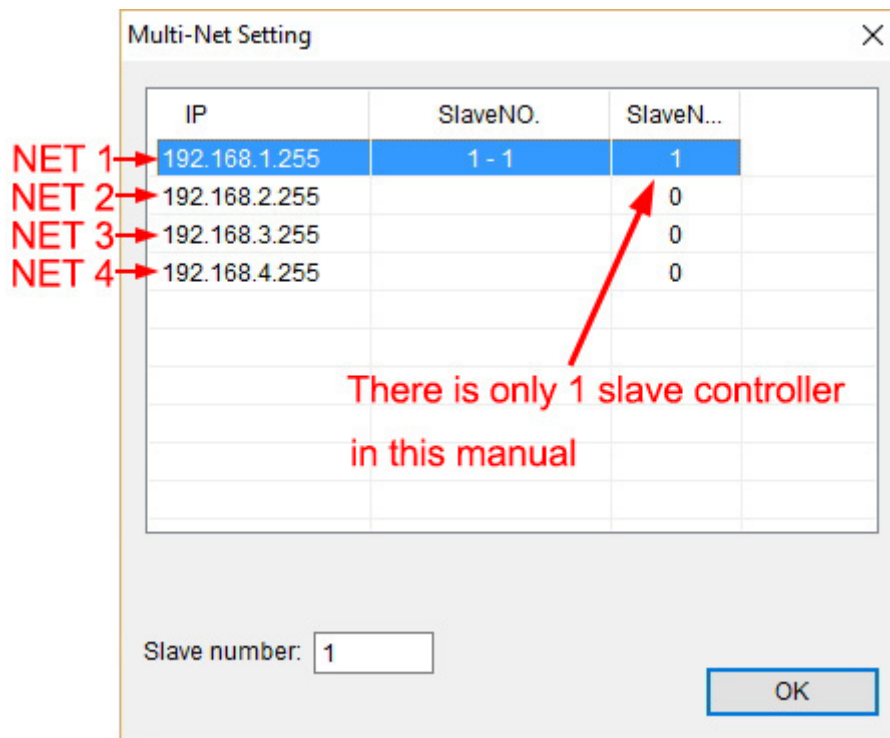
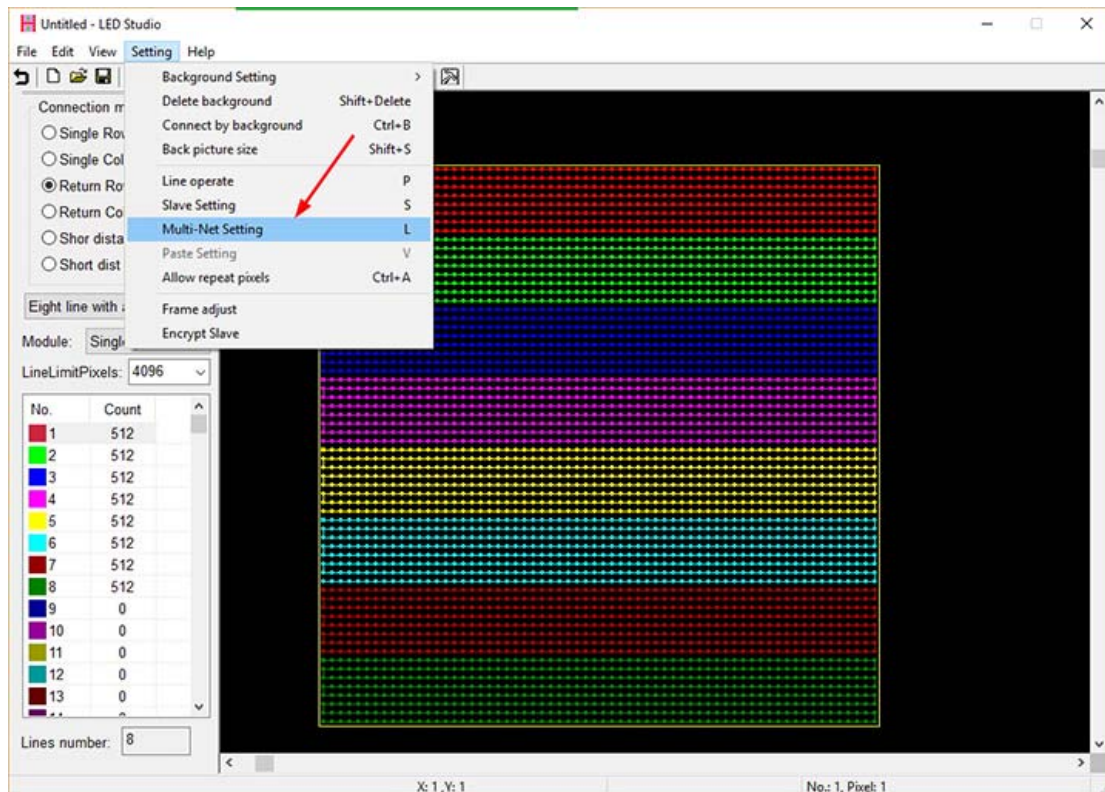


Note:

Four ports of H803TV can drive different chips, each port can be configured individually.



Click menu "Setting" -- "Multi-Net Setting"



For example, if there are 8 slave controllers.

Multi-Net Setting

IP	SlaveNO.	SlaveN...
192.168.1.255	1 - 8	8
192.168.2.255		0
192.168.3.255		0
192.168.4.255		0

Slave number:

OK

You can distribute slave controllers to each Net of H803TV

Multi-Net Setting

IP	SlaveNO.	SlaveN...
192.168.1.255	1 - 2	2
192.168.2.255	3 - 3	1
192.168.3.255	4 - 7	4
192.168.4.255	8 - 8	1

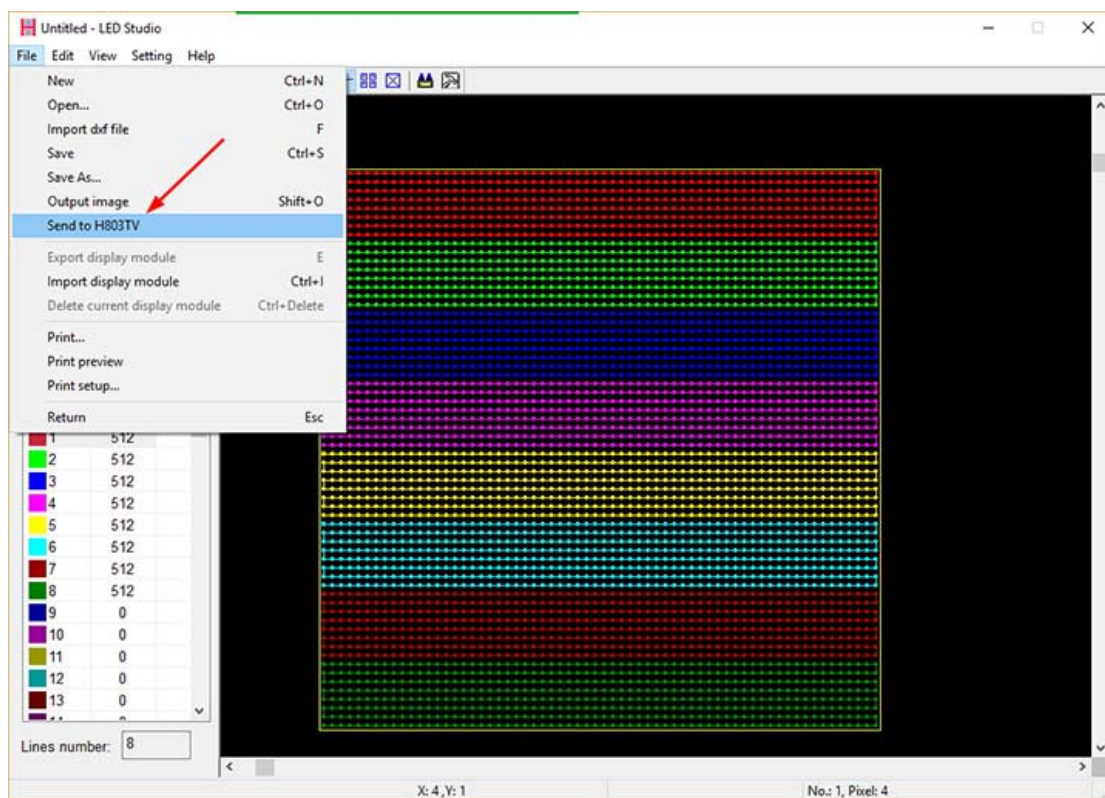
Slave number:

OK



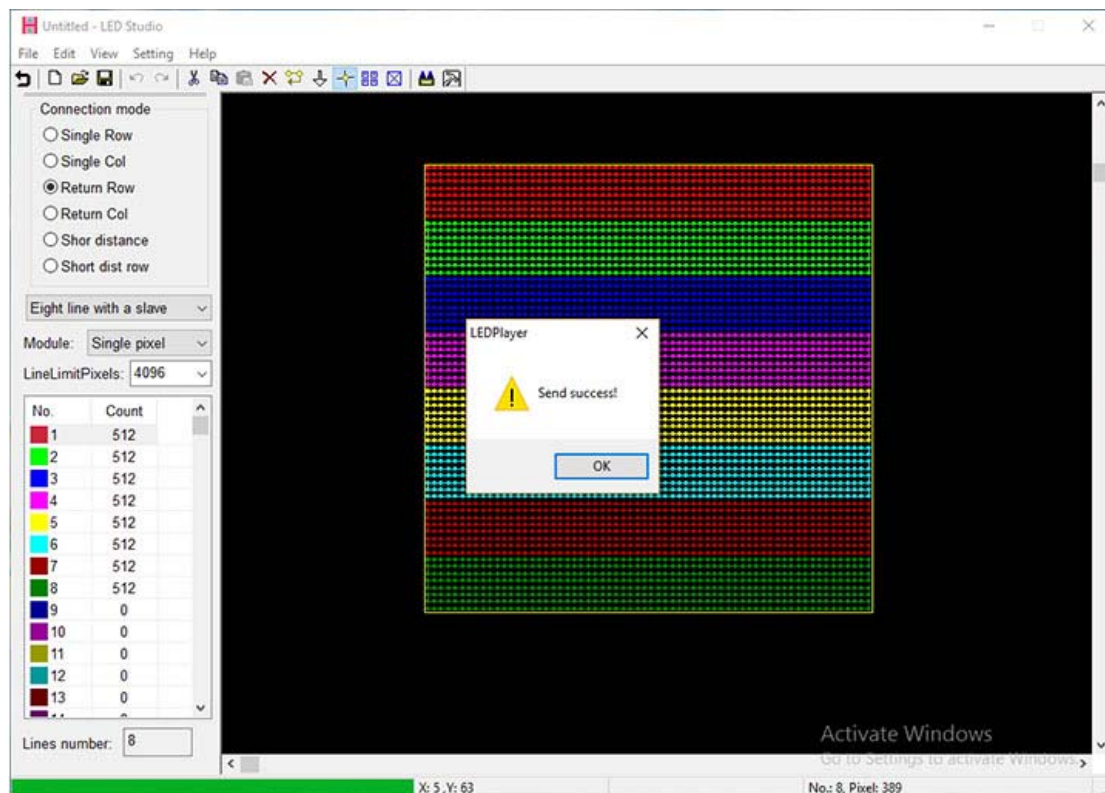
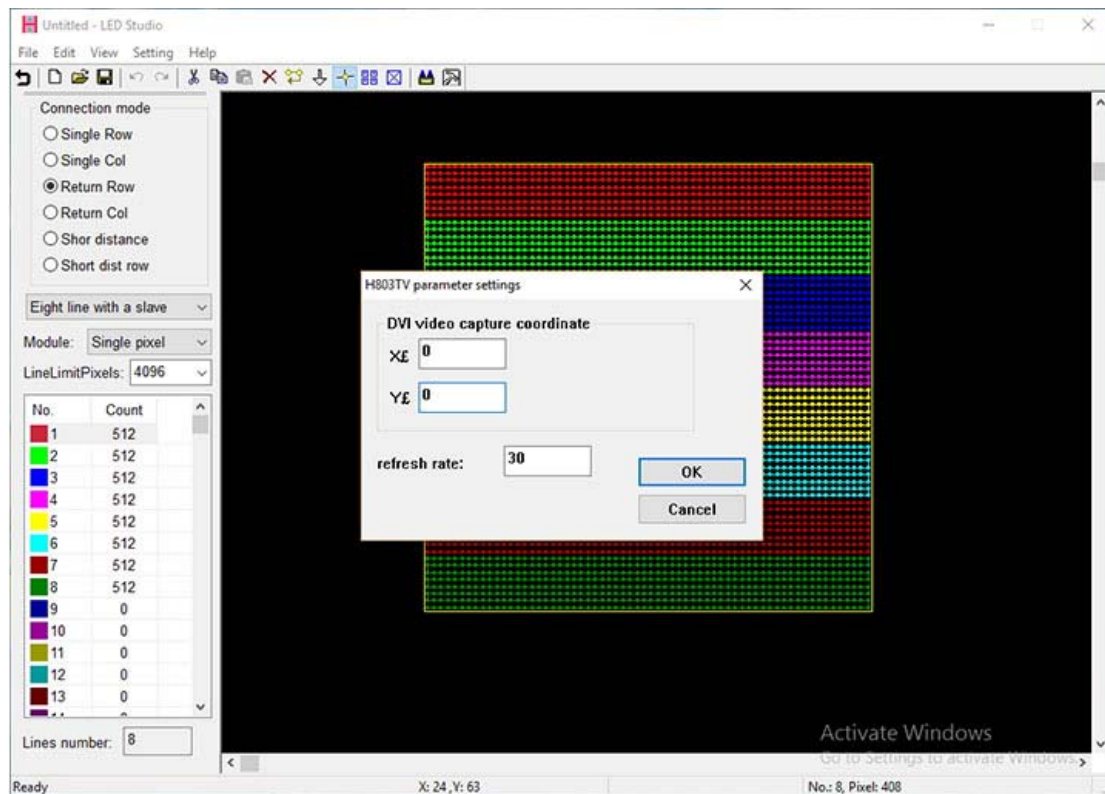


Then, click "File" -- "Send to H803TV"

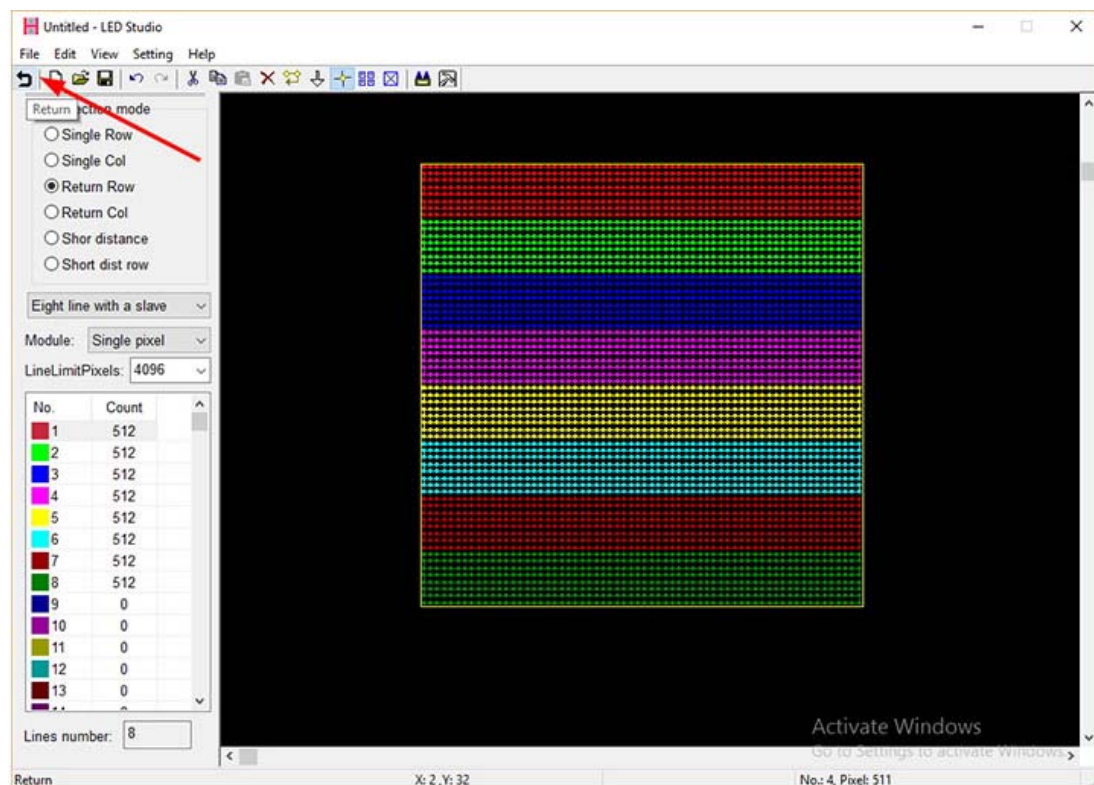
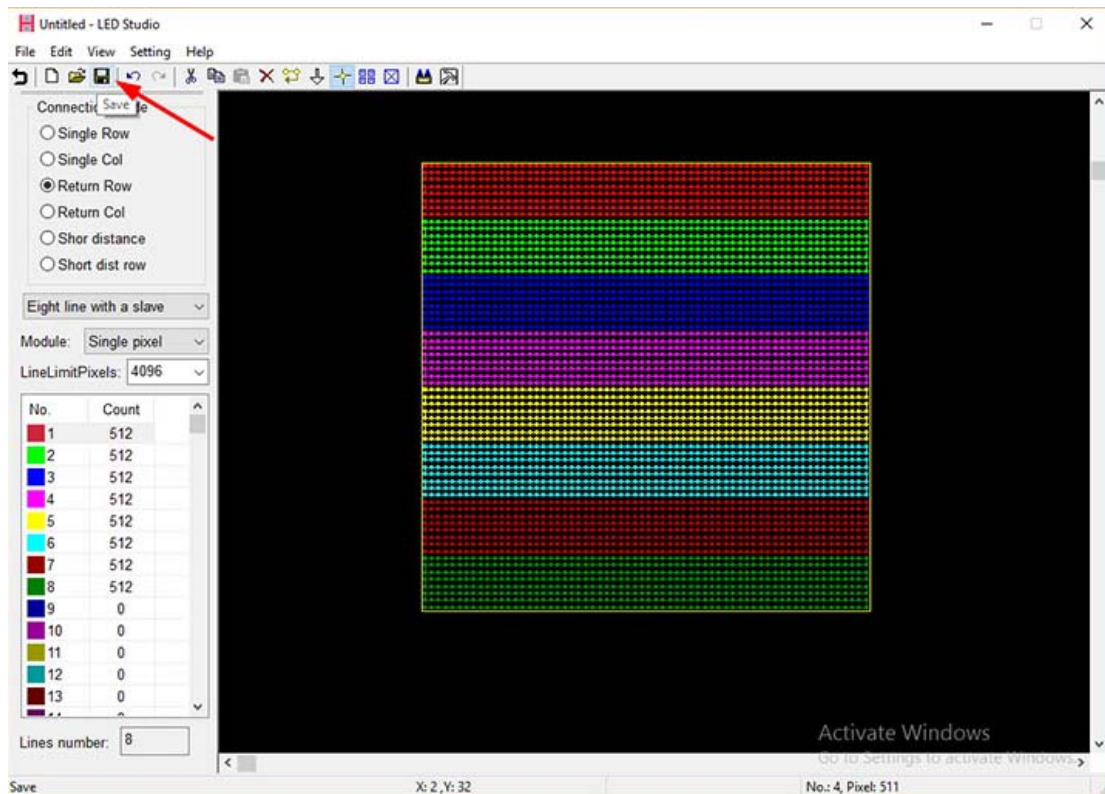


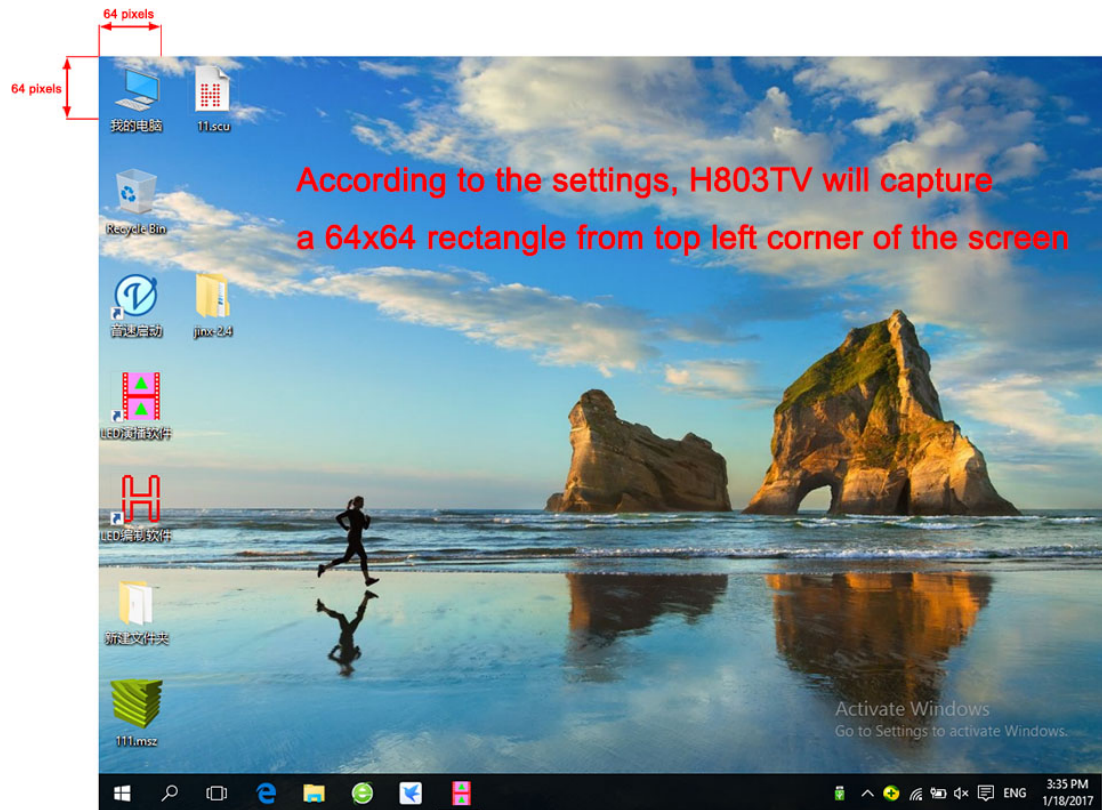
Software will remind you again, just enter coordinate and click "OK".



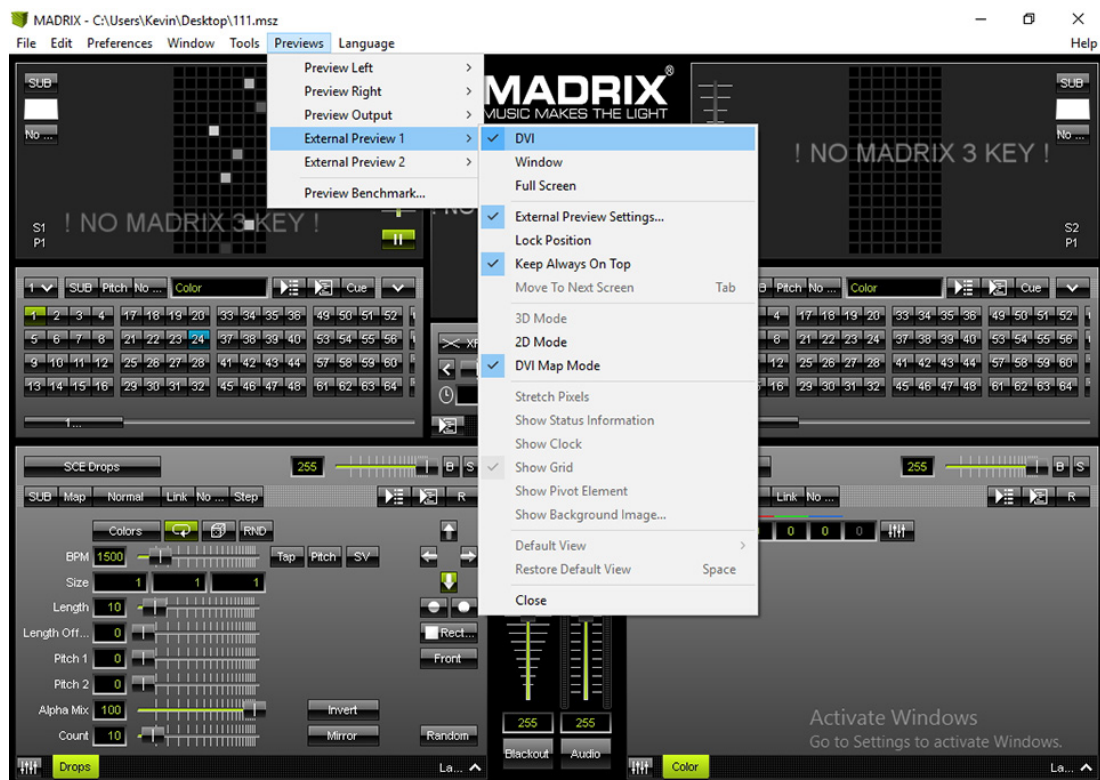


Then, save all these settings and go back to main window.

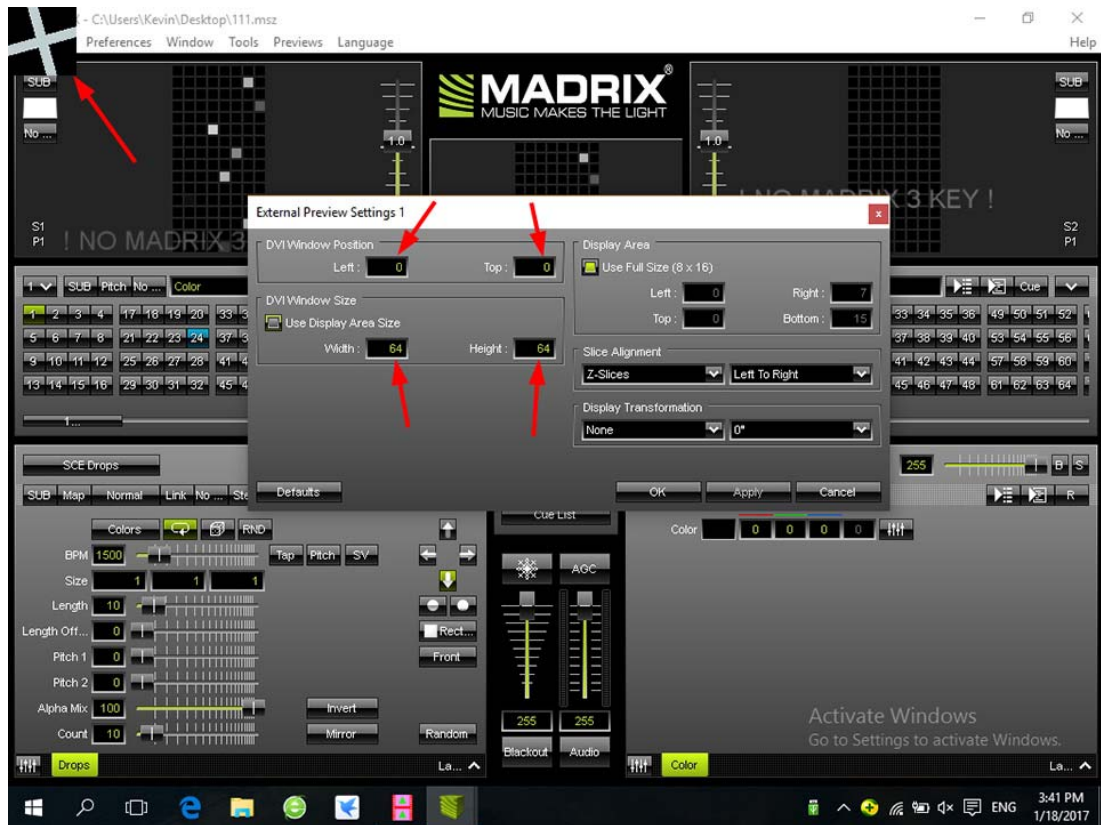




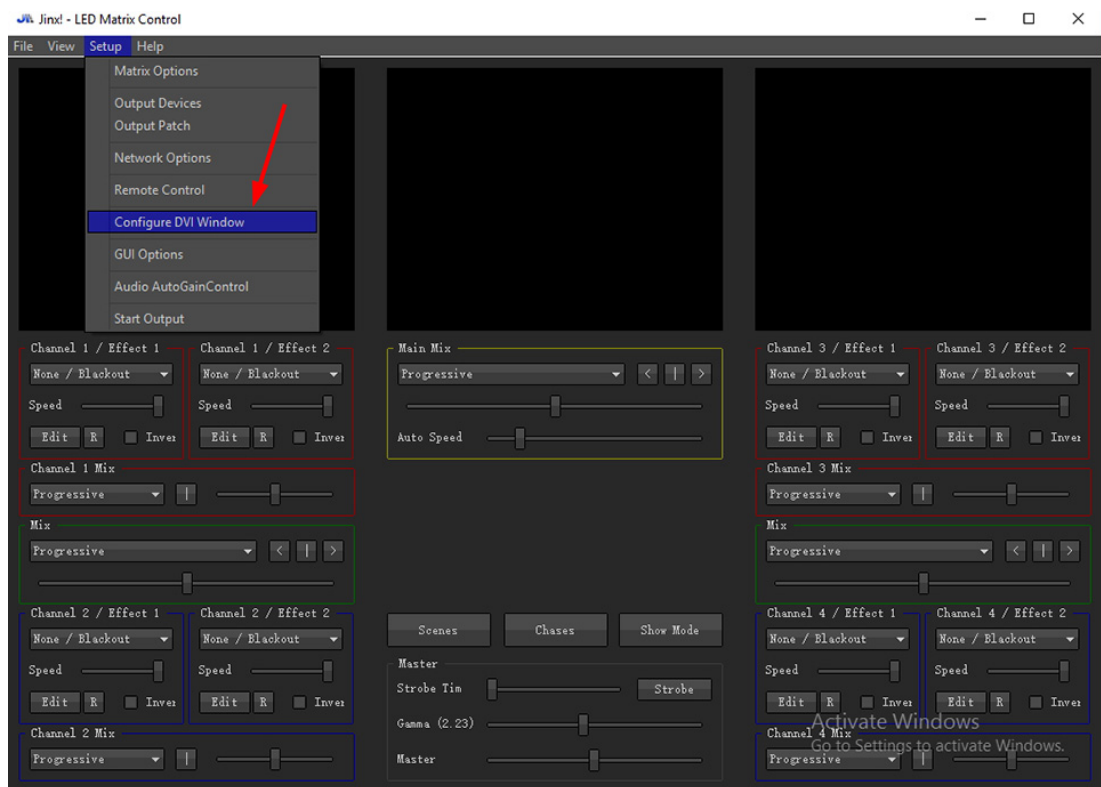
In MADRIX

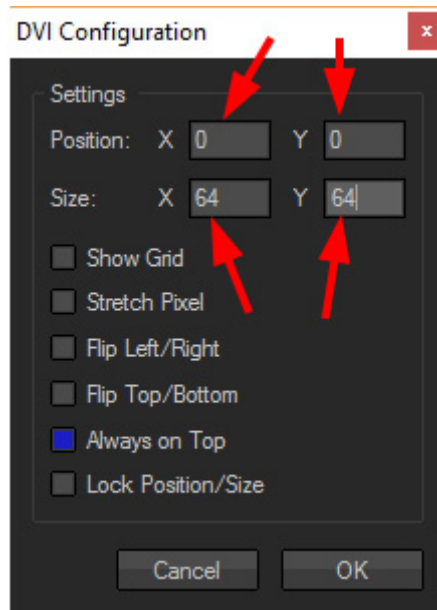






In Jinx!





## 6. Specifications

Input Voltage: DC9V

Power Consumption: 1W

Drive Pixels Number: 400000

Weight: 1KG

Dimension: L183 x W139 x H40

Carton Size: L205 x W168 x H69