

# LED Controller - SD Card LED Controller

LED Controller send the control data from SD card, make the lamps working flexibility under in a standalone way.



## Feature:

GPS available of the SD card LED Controller

Support GPS synchronizing function and GPS start timing function

Most of the IC Driver LED lights can read by this SD LED controller

Time-table set by LED software

Only take the SD card in and out when controller power off,

SD card supports FAT32 and FAT16 format, the maximum capacity is 64G bytes, stores maximum 64 DAT files.

Protections: short circuit, over current , over temperature .

Application: adapted for all kinds of led lighting under standalone control, pre-program the data and play when power on lights and control

## Product Parameters

### PRODUCT SPECIFICATION

Basic INFO	Model	LED-GPS-SC
	Control Port	2
	Control Pixels	2X1024
	Input Voltage	AC110V/AC220V
	Function	GPS
	Power Consumption	1W
	Net Weight	0.7KG
	Working Temperature	-20C°--85C°
	Dimension	L180 x W126 x H46mm
Control IC Driver	LPD6803, LPD8806, LPD6813, LPD1882, LPD1889, DMX512, P9813, UCS6909, UCS6912, UCS1903, UCS1909, UCS1912, WS2801, WS2803, WS2811, DZ2809, LPD2ws5109, SD600, SM16716, TLS3001, TM1812, TM1809, TM1804, TM1803, DM413, DM114, DM115, DM13C, DM134, DM135, DM136, 74HC595, 6B595, MBI5001, MBI5168, MBI5016, MBI5026, MBI5027, TB62726, TB62706, ST2221A, ST2221C, XLT5026, ZQL9712, ZQL9712HV, etc.	

Remark: Specifications are subject to change without notice.



- 5 key point and steps
- 1, Right Patch (\*\*\*.scu)
  - 2, LED IC Driver select
  - 3, Effect (\*\*\*.vid), Schedule (\*\*\*.tab)
  - 4, Output Data (\*\*\*.dat)
  5. Save \*\*\*.dat and \*\*\*.tab to SD card

### 1, Right Patch (\*\*\*.scu)

Software

File Edit View Tool Setting Help

Design Color Setting script

Connection mode

- Single Row
- Single Col
- Return Row
- Return Col
- Shor distance
- Short dist row

GPS02=Two line with a slave

A line with a slave  
Two line with a slave  
Four line with a slave  
Eight line with a salve

Module: Single pixel

LineLimitPixels: 170

Setting size

Width: 68 Pixel

Height: 48 Pixel

Scale

Ok Cancel

### 2, LED IC Driver select

File Edit View Setting Help

Lighting setting

Bright: 100 control signals: TTL

ClockRate: 1 MHz GrayLevel: 4096 Port Number: 2 Gamma: 2.2

LightType: RGB IC Type: DMX512  ColorReverse

No.	LightType	IC	Clock	Bright	Gray	Reverse	Ports	Gam...
1	RGB	DMX512	1	100		No	2	2.2
2	RGB	DMX512	1	100		No	2	2.2

Controller type: SB/SC/SD TA/TB/TC/SA SB/SC/SD SE

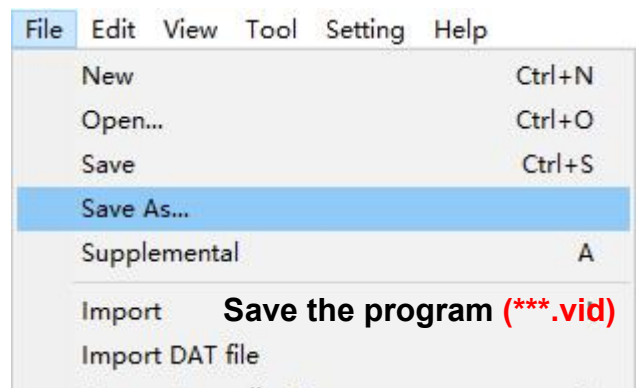
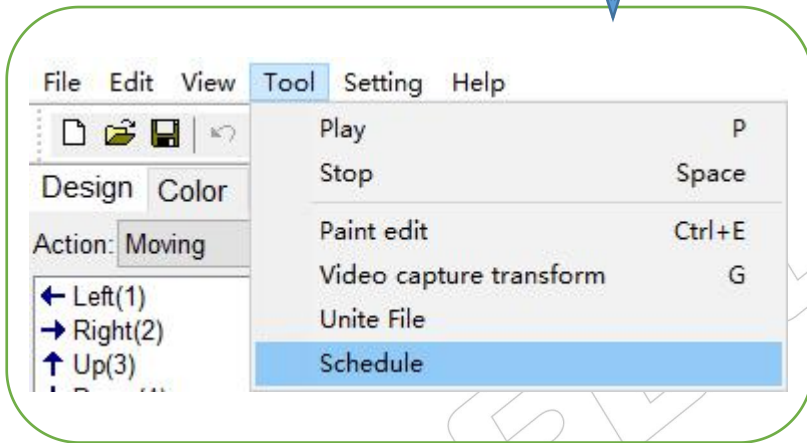
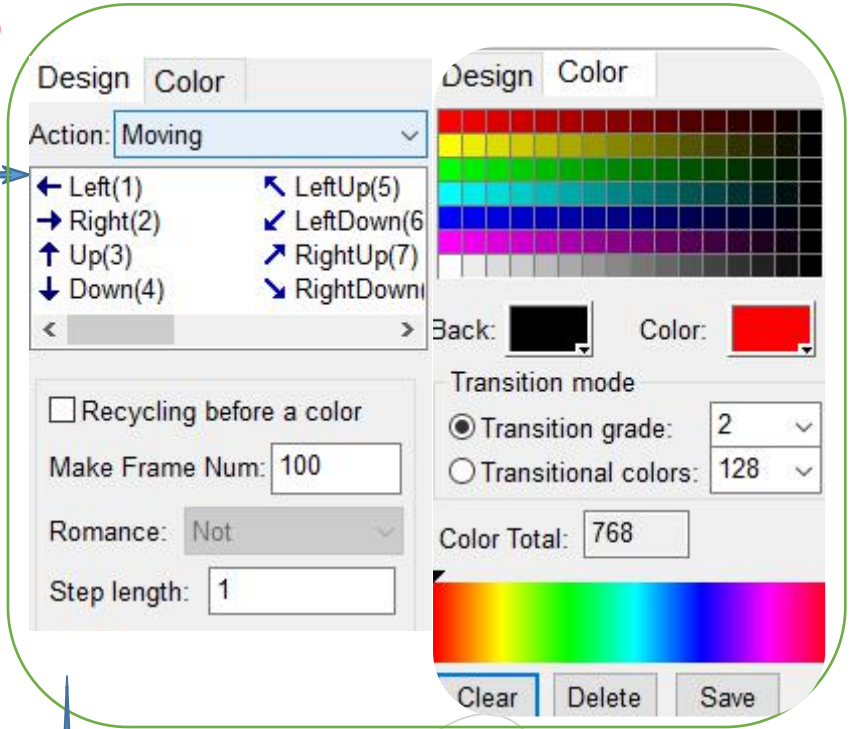
TotalPixelNum: 136

Exit Apply

File Edit View Sett

Save the patch as \*\*\*.scu

### 3, Effect (\*\*\*.vid), Schedule (\*\*\*.tab)



Time	Date	Content
10:5...	Monday	File 4
10:5...	Monday	File 22
10:5...	Monday	File 22
10:5...	Monday	File 22
10:5...	Monday	File 22
10:5...	Tuesday	File 8
11:5...	Gregorian March 3	File 1

Save the schedule (\*\*\*.tab)

4, Output Data (\*\*\*.dat),

5, And save the \*\*\*.dat and \*\*\*.tab to the SD card of GPS LED Controller

