

# 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:

IR SD card LED Controller

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

IR Controller Board set the play mode, programs and speed,

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.

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-IR-SB01
	Control Port	1
	Control Pixels	1X4096
	Input Voltage	DC5-24V
	Function	IR
	Power Consumption	1W
	Net Weight	0.08KG
	Working Temperature	-20C°--85C°
	Dimension	L132 x W71 x H24mm
	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)
  - 4, Output Data (\*\*\*.dat)
  5. Save \*\*\*.dat to SD card

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

Software

File Edit View Tool Setting Help

Design Color Setting script

File Edit View Setting Help

Connection mode

Single Row

Connection mode

Single Row

Single Col

Return Row

Return Col

Shor distance

Short dist row

SB01=A line with a slave

A 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

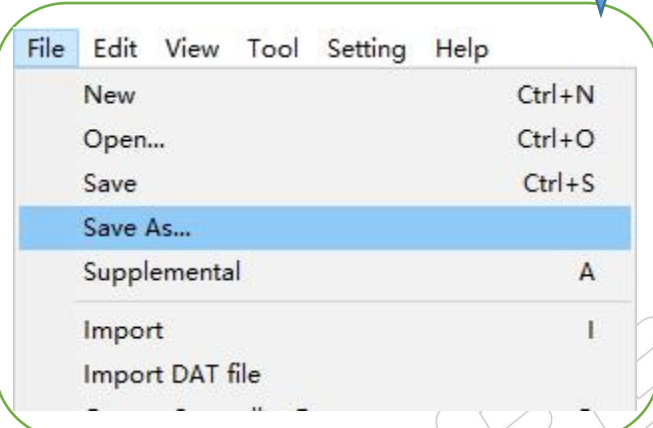
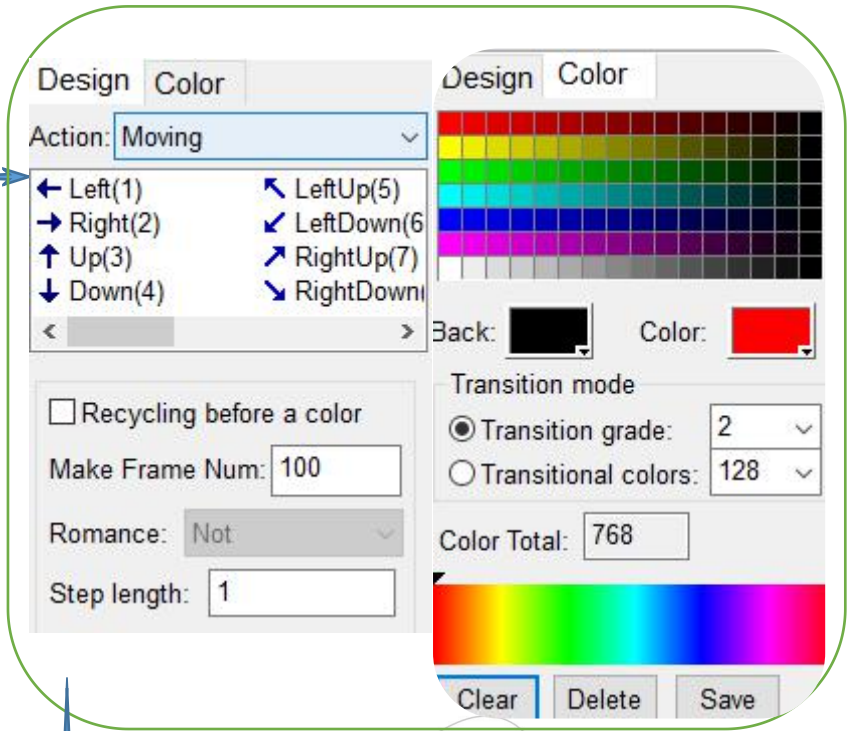
TotalPixelNum: 136

Exit Apply

File Edit View Sett

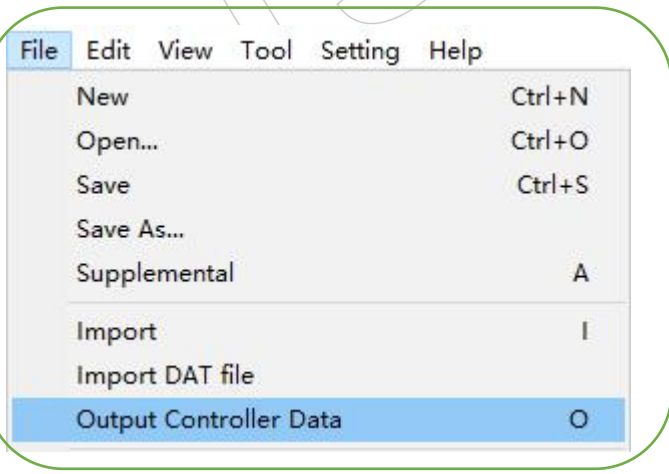
Save the patch as \*\*\*.scu

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



Save the program (\*\*\*.vid)

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



### 5. And only save the \*\*\*.dat file to the SD card

