



## YM-LM501 控制器说明书

Shenzhen Ym Vision Technology co.,Ltd

## Foreword:

Thank you for choosing our LED controller family, make sure you have read these instructions thoroughly before using the equipment.

The figures in the manual are for reference only. Our products will be continually updated, but the information may not be distributed individually. The manual has been reviewed and the accuracy is guaranteed.

## Use this manual

### Warnings

-  Do not disassemble or modify the product (may lead to electric shock, fire or malfunction).
-  Do not use the product in places exposed to inflammable gases or debris such as propane gas or gasoline (may cause explosion or fire).
-  Do not use benzene or other volatile substances (may damage the product).
-  Keep away from direct sunlight. Do not store in high temperature areas (may cause product deformation or malfunction).
-  Do not apply shock or impact to the product (may cause breakdown).
-  Do not install on an unstable location (may get detached and result in breakdown or injury).

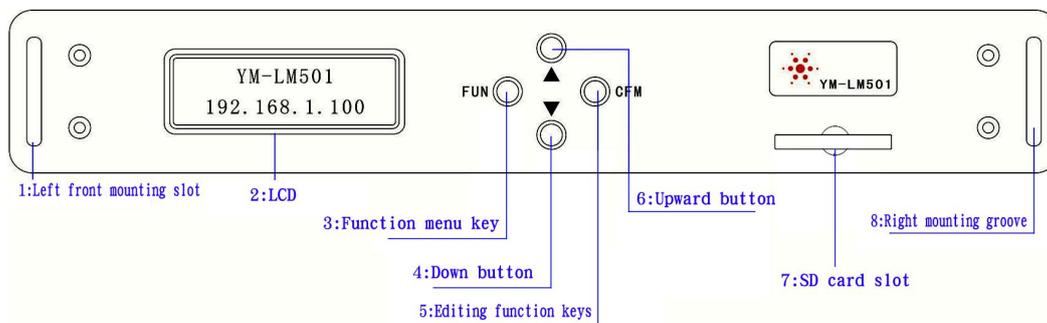
### Security Instructions:

-  **Warning:** Please install the controller in the environment recommended by our technicians, we do not take any responsibilities for the consequences of any damage caused by your mis-operation.

- ⚠ Warning: Please double-check and make sure to use the power which this controller is designated. The wrong power may cause equipment damage or fire.
- ⚠ Warning: The lighting output ports provide control signals for the lighting, please choose and connect the cables and internet cables as the manual recommended. And protect the power from the thunder and other outside powers in case leading malfunction and equipment damage
- ⚠ Warning: Our controller firmware may be a little different according to different control lightings. In order to make sure your controllers can work as your designed goals please consult our engineers if you choose the third-party lightings.
- ⚠ Importance: If your controller can not work after finishing all the connecting. Do not try to disassemble the controller otherwise our company will not stop providing the after-sales services.
- ⚠ Warning: Disassemble the controller while it is connected with the power is dangerous, it may lead an electrical shock to you, or a permanent damage of controller circuit and controller components.

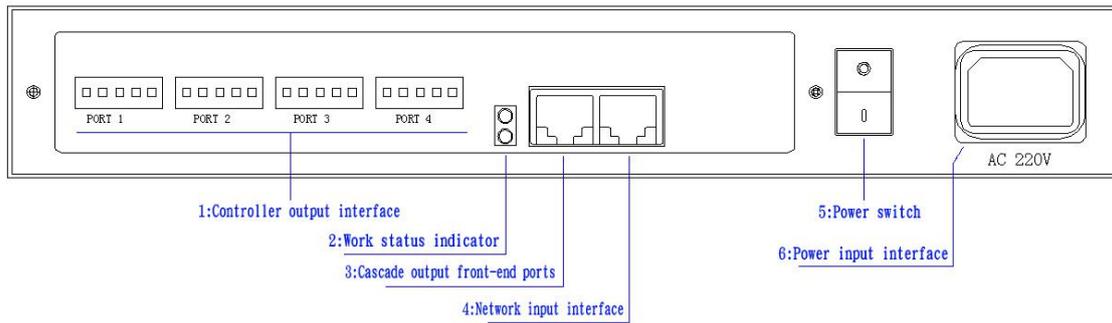
## Start knowing the controller

### Front Panel



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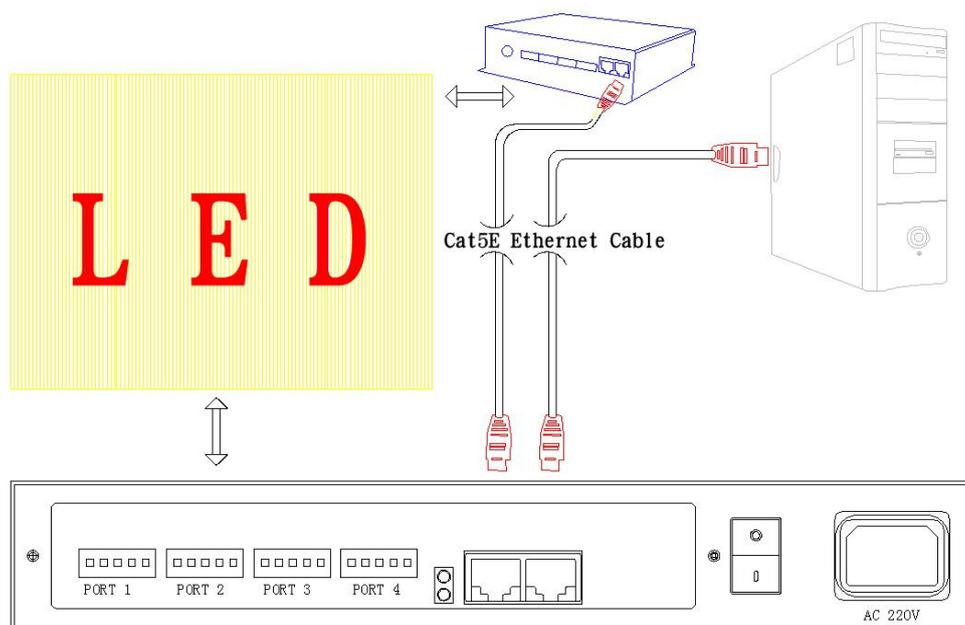
## Rear Panel



### 1、Features

- Ethernet connection LED controller;
- Control mode: on-line control / off control;
- One output port can control 512 pixels;
- 4 output ports;
- a cascade control port.;
- Playback speed: the maximum speed of not less than 25 frames / sec;
- Power supply: AC220V  $\pm$  10V 50Hz;
- EMC design, with good anti-jamming capability;

### 2、Connections



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### 3、 System Configuration

Minimum system configuration:

CPU: XM 266 Pentium; Memory: 64M; Space: 700M hard disk space .

Sound Card: Directx Sound compatible .

Graphics: Direct3D compatible (16Mb or more) .

Recommended configuration:

CPU: Pentium 400; Memory: 128Mb; Space: 700M hard disk space.

Sound Card: Directx Sound compatible.

Graphics: Direct3D compatible (32Mb or more).

### 4、 Settings

#### 4.1 Playback Speed Settings

Press **FUN** to enter playback speed setting menu;

Press **CFM** to enter edit mode;

Press **▲/▼** to adjust the speed;

Press **CFM** to confirm the speed

Press **FUN** to return to the main interface .

#### 4.2 Brightness adjustment

Press **FUN** → **▲** to enter the brightness setting menu;

Press **CFM** to enter the edit mode;

Press **▲/▼** to adjust the brightness;

Press **CFM** to confirm;

Press **FUN** to return the main interface.

#### 4.3 Clock Adjustment

Press **FUN** → **▲** → **▲** to enter clock adjustment menu;

Press **CFM** to enter edit mode;

Press **▲/▼** to adjust the clock;

Press **CFM** to confirm

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Press **FUN** to return to the main interface.

#### 4.4 IP Address

IP addresses are consisted by 4 decimal digits (IP1. IP2. IP3. IP4), such as 192.168.1.1. IP address is one of important parameters of the controller, it will be shown on the main interface after power-on;

Press **FUN** → **▲** → **▲** → **▲** to enter IP address setting menu, the current IP address is shown in the screen

Press **CFM** to enter IP address1 edit mode;

Press **▲/▼** to adjust IP address1;

Press **CFM** to confirm IP address1, then enter IP address2 edit mode.

Press **▲/▼** to adjust IP address2;

Press **CFM** to confirm IP address2, then enter IP address3 edit mode.

Press **▲/▼** to adjust IP address3;

Press **CFM** to confirm IP address3, then enter IP address4 edit mode.

Press **▲/▼** to adjust IP address4;

Press **CFM** to confirm IP address4, four IP addresses are shown in the screen;

Press **FUN** to return to the main interface.

#### 4.5 MAC address

MAC address is consisted by six hexadecimal digits (MAC1-MAC2-MAC3-MAC4-MAC5-MAC6), such as :00-e0-b1-08-07-f3

Press **FUN** → **▲** → **▲** → **▲** to enter MAC address setting, the current MAC address is shown on the screen;

Press **CFM** to enter MAC1 address edit mode;

Press **▲/▼** to modify MAC1 address;

Press **CFM** to confirm MAC1 address, then enter MAC2 address edit mode;

Press **▲/▼** to modify MAC2 address;

Press **CFM** to confirm MAC2 address, then enter MAC3 address edit mode;

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Press ▲/▼ to modify MAC3 address;

Press **CFM** to confirm MAC3 address, then enter MAC4 address edit mode;

Press ▲/▼ to modify MAC4 address;

Press **CFM** to confirm MAC4 address, then enter MAC5 address edit mode;

Press ▲/▼ to modify MAC5 address;

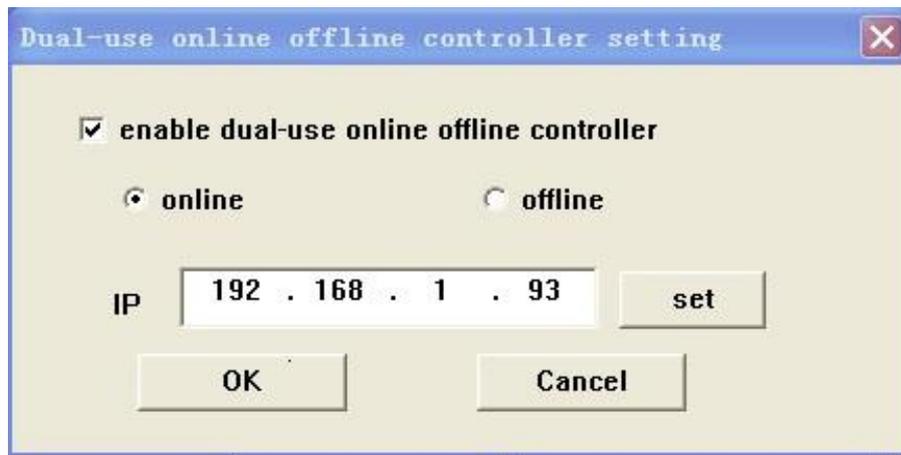
Press **CFM** to confirm MAC5 address, then enter MAC6 address edit mode;

Press **FUN** to return to the main interface.

## 5 Main set Software Setting

5.1. You need set the controller IP address before the main set software can communicate with the controller.

5.2. Run "LED display software" (V2.844 or above) and select "online /offline", shown as below:



5.3. After you've done setting the IP address, you can play the patterns.