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1. System Connection Diagram

![System Connection Diagram]

2. Software Setting

2.1 Automatic Brightness Adjustment Interface Introduction

1) Enter the automatic brightness adjustment interface
Start the LED control software, click function options, select the automatic brightness adjustment, as shown in figure.

![Function Options]

2) Interface description
Enter the automatic brightness adjustment interface, the system will automatically detect the luminance sensor.

![Interface Description]

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If the luminance sensor is not connected, will see a pop-up window.

When luminance sensor is not connected, light adjustment is not available, use only the timing adjustment.

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2.2 Automatic Brightness Adjustment Method

Auto brightness adjustment can be used in two ways, respectively is the timing adjustment and light adjustment.

1) Timing Adjustment
Function: in a period of time, the brightness of the system is set to a specific value.
Setup steps: as shown in figure.

① Select timing adjustment;
② Set the time period;
③ Set brightness values in the time period;
④ The set value is added to the system, each point of time will add a setting value;
⑤ Delete the setting value;
⑥ Parameter tuning;
⑦ Start timing adjustment;
⑧ Complete setup.

2) Light adjustment
Function: In the illumination range, the screen brightness is adjusted to the specified value.
Setup steps: as shown in figure.
① Select light adjustment;
② Query brightness value;
③ Set the interval;
④ Set the brightness;
⑤ The set value is added to the system, each point of time will add a setting value;
⑥ Delete the setting value;
⑦ Parameter tuning;
⑧ Start light adjustment;
⑨ Complete setup.

2.3 Detecting whether to start the automatic brightness adjustment settings
In the lower left corner of the brightness adjustment interface, can view the automatic brightness adjustment way, mainly in three cases: “Light adjustment has started”, “Timing adjustment has started”, “Automatic adjustment did not started”. as shown in figure

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