Brightness sensor Specification

LS1.0

Version: V02  Date: 2017-08-02
**Product Summary**

Brightness sensor LS 1.0 is mainly used for light intensity changes, automatically adjust the brightness of the LED display, the requirements for customers. The company designed a sense of timing adjustment and light are two ways to adjust the display brightness control.

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**Product Feature**

- Detects ambient brightness automatically adjusts the screen brightness.
- Connected to a computer control.
- 100–240VAC 50 / 60HZ AC power supply.
- 1 input signals A, a B input signals.
- Control Support USB–485.
- Light data support the range 0 ~ 65535Lux.
- Support timing adjustment and two automatic light sensor to adjust Brightness adjustment. Screen mode.
- Built-in independent power supply for easy connection.

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**Technical Specifications**

<table>
<thead>
<tr>
<th>Interface</th>
<th>1 channel signal A input, 1 channel signal B input</th>
<th>Operating temperature</th>
<th>0℃～50℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light range</td>
<td>0~65535Lux</td>
<td>Operating Humidity</td>
<td>100~240VAC 50/60HZ</td>
</tr>
<tr>
<td>Signal output</td>
<td>4 ~ 20 mA current loop</td>
<td>Operating voltage</td>
<td>100~240VAC 50/60HZ</td>
</tr>
<tr>
<td>Accuracy</td>
<td>± 5% (scale range)</td>
<td>Dimensions</td>
<td>Length 145 * width 150 * height 38 (mm)</td>
</tr>
<tr>
<td>Control Support</td>
<td>USB</td>
<td>Weight</td>
<td>0.5 Kg</td>
</tr>
</tbody>
</table>
**Chassis Dimensions**

**Interface Definition**

Receive external light, induction light intensity

Signal input port

Power input port (220V 50/60 Hz)