**Features:**

DMX-X16 is a sub-controller in a LED lighting control system setup. It receives pixel data from the main controller – RTP9802, RTP9805, RTP9880 or VCC-5000 and extracts the data according to its own address, process the data in specific timing and format sequence and outputting them for controlling LED lighting luminance and color changes. It is designed for StrongLED DMX 512 LED luminaires.

- Three high-speed (100Base) communication ports on the front panel. One port receives pixel data from the main controller or another DMX-X16 in the system. The other two are output ports which can be connected to other DMX-X16 in a scalable chain or tree configuration to handle large LED lighting display. All input and output ports receive the same pixel data from the main controller.
- Using CAT5, the transmission distance can reach over 100 meters between main controller and DMX-X16 and between interconnected DMX-X16's.
- Each DMX-X16 pixel (LED light) display space is set by jumpers.
- Sixteen DMX 512 output ports with automatic addressing function. Each output port can control 170 channels of RGB lights or 512 channels of single color lights.
- Using plug-in block connectors for easy, secure and flexible installation and maintenance
- Surge protection on all input and output ports.
- A single button action to initiate automatic addressing function.
- From a DMX control output port to the LAST LED light could reach 300 meters.
- Frame pixel resolution is 512 * 512 frame and frame refresh rate of 30Hz.
- Operating Temperature: -20°C ~ 80°C.
- Operating Humidity: 0~70% RH.
- Power Input: AC110~260V/50Hz, 15W.
- Dimension: 256*244*80.5mm.
- Weight: 2.3 kg.
**Dimension Details:**

![DIMENSIONS](image)

**Port Function Details:**

![PORT FUNCTION](image)

**System Schematic Diagram:**

![SYSTEM SCHEMATIC](image)

(Illustration: Each light fixture represents one pixel, three channels)

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**StrongLED®**

STRONGLED LIGHTING SYSTEM GROUP

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