

OUTDOOR/LED CONTROLLER

Technical Datasheet

SUB LED CONTROLLER



PRODUCT DESCRIPTION

Jaquar SUB LED Controller is an LED controller with unique data processing method for the display on complex architectural building facade. It can work with PC as well as Master LED controller. In both the modes, it controls a variety of regular chips in LED fixtures. Unique ID address can be set manually using its screen and buttons. Effects are fully customizable and can be created using Windows/ Mac OS based software tool. Encryption function is also available when used with customized controller.

KEY FEATURES

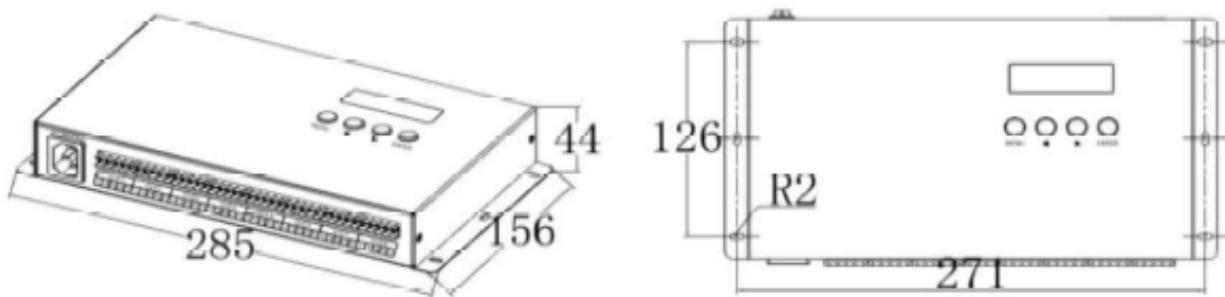
- Control features
 - PC and artnet based online control if used without Master LED controller
 - SD Card control (with Master LED controller)
 - Audio/ Music based control (with Master LED controller)
 - Time based control (with Master LED controller)
 - Manual control (with Master LED controller)
 - Mobile/ tablet based control (with Master LED controller)
 - IoT/ Cloud based control (with Master LED controller)
- Multiple device sync.
 - Cascade installation
 - Audio/ Music sync. (via Master LED controller)
 - GPS sync. (via Master LED controller)
 - Cloud based sync. (via. Master LED controller)
- Other features
 - Compatible with multiple decoder IC
 - Compatible with 3rd party DMX devices
 - Multiple installation architecture

LED CONTROLLER

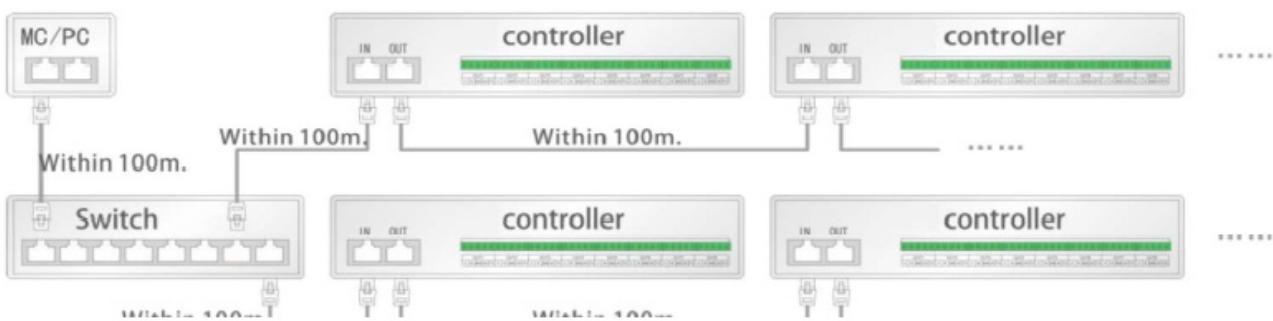
TECHNICAL SPECIFICATION

Operating temperature	-15°C ~ +60°C
Humidity	≤50% RH
Power consumption	<5W
Environment	IP20
Cascade signal	Optocoupler
Master controller signal	Ethernet protocol
Network interface	RJ45 Ethernet interface
Output signal	TTL & RS-485 x 8-Ports
Control capacity	upto 154 Sub-controllers or 4,00,000 channels
Transmission distance	Use UTP (unshielded twisted pair) cable, distance between the controllers can be
Weight 1500gm	1500m
Dimension	285mm(l) x 156mm(w) x 44mm(h)

DIAGRAM



APPLICATION



* The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Jaquar lighting solutions .Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release. The prices are subject to change without notice and those ruling at the time of supply will be charged. Colours & sizes of product images shown in the Website may vary in reality

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