

# CONTROLLER U1

## FOR USE WITH BLADE<sup>X</sup> AND SOLO MODULAR LED SIGN SYSTEMS

- One Controller is required for each display install
- Compatible with ALL CIRRUS DISPLAY SYSTEMS
- Capable of supporting a single-sided or double-sided sign
- Must be placed within reach of the input cable affixed to the first LED Panel to be connected
- Web-based control interface
- High Efficiency - Low Power Consumption
- 5 Year Warranty
- Can be connected to the internet via Wi-Fi or RJ45 connection (standard Ethernet connector)

The controller has four mounting tabs.

Should remain protected from direct sunlight to avoid heat related issues and extend the life of the controller.

In stock for **same-day shipment!**

**Status & Control:** Our “Cloud” interface allows you to create, edit, and schedule content from any internet connected device (including smart phones & tablets). Add dynamic content such as weather, sports scores, financial data, or social media feeds. Upload photos and video to our full-featured editor to add vitality to your display.

**No Software Updates:** Our cloud-based system is perpetually improved, with new features being added all the time. Manage an unlimited number of displays from a single account.



Controller U1

PRODUCT DIMENSIONS	
Height (with mounting tabs)	11-1/2"
Height (without mounting tabs)	10"
Width (includes clearance for input and Ethernet cables)	11-1/2"
Depth	4-3/4"
Weight (with mounting tabs)	9.1 lb

LED PANEL	BladeX-16-F1	BladeX-12-F1	BladeX-9-F1	Solo-15R-M	Solo-15W-M
Color	Full Color (RGB Spectrum )			Red - Greyscale	White - Greyscale
Resolution (Pitch)	16.97mm	12.7 mm	9 mm	15.25 mm	
Watts Per Panel	86.1W	88.0W	83.4W	19.5W	16.4W

$$\left( \frac{\text{# of LED Panels}}{\text{Watts per Panel}} \times \frac{\text{30}}{\text{Controller Watts}} \right) \div \frac{\text{90 or 180 VAC}}{\text{Factor}} \times \frac{\text{2}}{\text{Factor}} = \text{Circuit Breaker Rating}$$

Example for 10 BladeX 16 mm panels:

$$10 \text{ (Panels)} \times 86.1 \text{ (Watts per Panel)} + 30 = 891 \text{ Watts.}$$

If connecting to 110 VAC: Divide the max wattage by the lowest AC Voltage on a 110 VAC line which is typically 90 VAC:

$$891 \text{ Watts} \div 90 \text{ VAC} \times 2 \text{ (Factor)} = 19.8 \text{ Amps (Circuit Breaker Rating)*}$$

If connecting to 220 VAC: Divide the max wattage by the lowest AC Voltage on a 220 VAC line which is typically 180 VAC:

$$891 \text{ Watts} \div 180 \text{ VAC} \times 2 \text{ (Factor)} = 9.9 \text{ Amps (Circuit Breaker Rating)*}$$

\*Rounded to the closest value