

# MCTRL600

## INDEPENDENT LED DISPLAY CONTROLLER NOVASTAR

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The MCTRL600 is an LED display controller developed by Novastar created to make the setup of your LED screen simple and plug and play.

It supports 1 HDMI input with HDCP protocol, 1 DVI input for smooth and easy content playback on your LED screen, 1 audio input, and 4 Ethernet outputs. A single MCTRL600 supports input resolutions up to 1920x1200@60Hz and communicates with PC via type-B USB port. Multiple MCTRL600 units can be cascaded via UART port and a single unit can control up to 2.3 million pixels.

A light sensor can be connected directly to the controller to automatically adjust the brightness of the screen to the ambient lighting.

As a highly cost-effective controller, the MCTRL600 can be used in the rental and fixed installation applications, such as concerts, live events, security monitoring centers, Olympic Games and various sports centers.



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## PRODUCT DETAILS

### KEY FEATURES

Supports input resolutions up to 1920x1200@60Hz, and custom resolutions with max. width and height up to 3840

HDCP 1.4 compliant

Loading capacity up to 2.3 million pixels per unit

Supports the new generation of Novastar calibration technology, which is fast and efficient

Up to 20 devices can be cascaded

### SPECIFICATIONS

1x SL-DVI input

1x HDMI 1.3 input

4x RJ45 Gigabit Ethernet ports with capacity per port up to 650.000 pixels

1x Light sensor connector

1x Type-B USB 2.0 port for PC connection

1x UART input connector

1x UART output connector for cascading devices

LED indicators

**Input Voltage** AC 100-240V 50/60Hz

**Rated power consumption** 6.6W

**Working temperature** from -20°C to + 60°C

**Working humidity** from 10% RH to 90% RH, non condensing

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**Product size**

482 x 268.5 x 44.4 mm (18.98 x 10.57 x 1.75 in)

**Product weight**

2.5 kg (5.5 lbs.)