

## MCTRL300 LED DISPLAY CONTROLLER

The MCTRL300 is an LED controller developed by Novastar that enables LED displays to be configured in a very short time.

The sending card is housed in a stable metal housing and supports 1 DVI input, 1 3.5 mm audio input and 2 Ethernet outputs. A single MCTRL300 supports input resolutions up to 1920×1200@60Hz. The MCTRL300 communicates with the PC via the USB Type-B port. Multiple MCTRL300 units can be cascaded via the UART port. In addition, the controller is equipped with a light sensor connector to which the Novastar NS060 can be connected for automatic brightness monitoring.

As a highly cost-effective controller, the MCTRL300 can be used primarily in rental and fixed installation applications, such as live events, security monitoring centres and various sports centres.



# MCTRL300

## LED DISPLAY CONTROLLER

### PRODUCT DETAILS

#### KEY FEATURES

Connection for light sensor

Up to 20 devices can be cascaded via UART control ports

PC communication via USB Type-B port

Pixel brightness and chroma calibration via NovaLCT software

1.3 million pixel loading capacity

Supports resolutions up to 1920x1200@60Hz, downward compatible

Custom resolutions supported: max width: 3840x600@60Hz, max height: 548x3840@60Hz

#### SPECIFICATIONS

1x SL-DVI input

1x TRS balanced 3.5mm audio input

2x Gigabit Ethernet outputs

2x UART control ports

1x Light sensor connector

LED indicators

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

**Rated power consumption** 3W

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

**Working humidity** 0% RH–90% RH, non-condensing

**Product sizes** 204 x 160 x 48 mm (8.03 x 6.30 x 1.89)

**Product weight** 1.4 kg (3.8 lbs)