



Novastar MCTRL 4K

Code: 1226300114



The MCTRL4K is a LED display controller with ultra-large loading capacity developed by NovaStar. A single unit features a loading capacity of up to 4096x2160@60Hz. It supports any custom resolutions with the maximum width or height up to 7680 pixels, meeting the on-site configuration requirements of ultra-long or ultra-wide LED displays.

The MCTRL4K has many industry-leading advanced technologies:

- Supports HDR function, both in HDR10 and HLG standards
- Supports individual Gamma adjustment for RGB
- Low latency: Less than 1 ms (when the start position of image is 0.)
- Supports 3D function when working with the 3D emitter EMT200 and 3D glasses, allowing you to experience 3D display effects.
- In multi-card mode, the MCTRL4K can be used as two controllers, allowing the images of two input sources to be displayed on the screen at the same time.

The MCTRL4K is stable, reliable and powerful, dedicated to providing a best visual experience. It can be mainly used for the fixed and rental applications, such as concerts, live events, security monitoring, Olympic Games and various sports centers

NOVASTAR MCTRL 4K™ is compatible with all ADJ LED Video Series: VS2/VS3/VS5, AV2/AV3/AV4IP and AV6X

Control

- Ultra Large Capacity, Resolution 4K x 2K@60Hz, Resolution up to 8K width
- Detailed control of Video Walls via LCTMars PC-Software or SmartLCT Mac OS X Software
- Multiple Video Inputs
- Multiple Outputs : 16x RJ45 Ports & 4 Optical output ports
- Screen Configuration via Web Interface, Wireless Remote Control
- Can be cascaded via USB or GenLock for huge screens

Resolution

- Max resolution capacity : 8.3 million pixels, 4096 x 2160@60Hz, 7680 x 1080@60Hz
- 12bit/10bit/8bit HD Video Source
- Supports HDCP, 1080i/P, 480i, 576i, 720P, PAL/NTSC, HDR (HDR10&HLG)
- Support Ultra-High Resolution settings with NVIDIA Graphic Cards
- Supports both Mosaic and Multi-Card working modes for Dual-Link DVI inputs

Construction

- Aluminium Metal Housing
- Rack Mountable

Electrical

- Multi-voltage operation: AC 100-240V, 50/60Hz , Power Draw: 30W
- Operating Temperature: -20°C - +60°C

Connections

Inputs

- 2x Dual DVI-D, up to 8.3 million pixels, 1x HDMI 2.0, up to 8.8 million pixels per input
- 1x DP 1.2, up to 8.8 million pixels per input
- 1x RJ45 Network LAN Connector for IP-based Control, 1x Locking IEC Power connector

Outputs

- 16x RJ45 4Gigabit Ethernet Screen outputs, 4 x Optical Screen Output
- 1x Genlock Loop Loop

USB

- 2x USB Type A port to connect USB Stick or cascade OUT
- 1x USB Type B control interface for connection with PC or Cascade IN
- DP, HDMI, USB, DVI, CAT5 & Power cable included

Dimensions & Weight

- Dimensions (LxWxH): 482.6 x 372 x 96mm
- Weight: 4,6 kg.