Specifications

Controller MCTRL660

Rev1.3.1 NS110100123

Overview

MCTRL660 is the latest independent master controller of NovaStar, which is mainly applied for display rental service.

It supports screen configuration at any time without a computer.

Features

1) It has adopted an innovative design to implement smart configuration and the screen configuration can be completed within 30 seconds.
2) It has adopted Nova G4 engine, which makes the screen stable and flicker free without scanning lines. The images become exquisite and bring a good sense of depth.
3) It supports Nova's new-generation pixel-by-pixel calibration technology which is fast and efficient.
4) It can implement white balance calibration and color gamut mapping based on different features of LEDs used by displays to ensure restoration of true colors.
5) It is the only control system supporting the input of 12-bit high-definition multimedia interface (HDMI) and high-bandwidth digital content protection (HDCP) in China.
6) It supports screen configuration at any time without a computer.
7) It supports manual adjustment of screen brightness, which is convenient and efficient. These features have satisfied the special needs of display rental service to the maximum extent.
8) HDMI/DVI Input.
9) HDMI/DVI Output.

10) HDMI/external audio input.

11) 12bit/10bit/8bit HD video source.

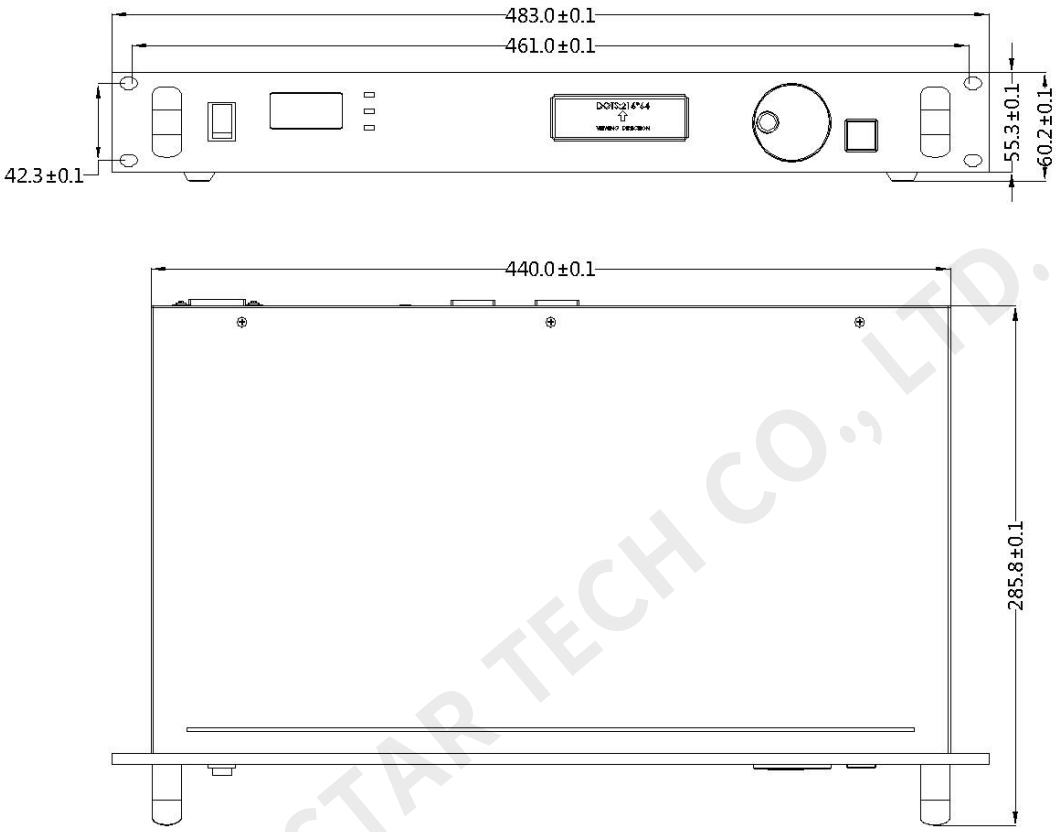
12) Resolution supported: 2048×1152，1920×1200，2560×960.

13) Resolution supported: 1440×900, (12 bit/10 bit).

14) Cascading supported.

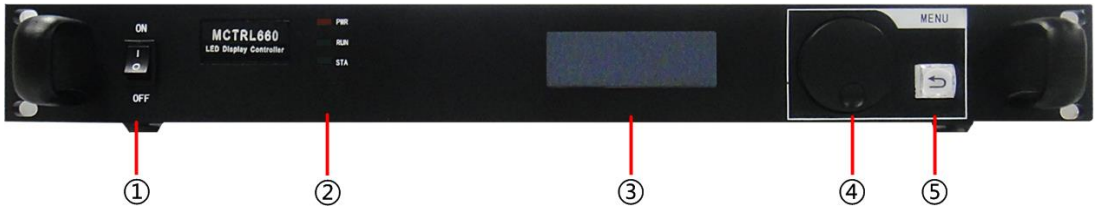
15) Video format: RGB, YCrCb4:2:2, YCrCb4:4:4.

Dimensions



Unit: mm

Appearance



① Power indicator
② : LED Indicator **PWR**: Indicate the power indicator. **RUN**: Indicate equipment running indicator 1. • It blinks slowly when no video source is available. (The light keeps on for 2 seconds and then off for 2 seconds.). • It blinks normally when the video source is available. (It blinks about twice per second.). • It blinks quickly when start-up screen is displayed. • When the redundancy works, the indicator blinks at a frequency of breathing. **STA**: Equipment running indicator 2. It is steady on when the equipment runs normally.
③: **Operation screen**
④: **Knob:** Press the knob to enter the option and rotate the knob to select or adjust.
⑤: **ESC**: Exit from the current operation or option.

Note: the arrangement of interface can be slightly adjusted to enhance

user’ s experience. Please in kind prevail.

INPUTS	
AUDIO	Audio INPUT
HDMI IN	HDMI INPUT
DVI IN	DVI INPUT
OUTPUTS	
DVI OUT	DVI OUTPUT
HDMI OUT	HDMI OUTPUT
OUT1、OUT2、OUT3、OUT4	4 LED OUTPUTS
Control	
TO PC	Connected to PC , USB Control interface
UART IN、OUT	Cascaded INPUT ,OUTPUT
POWER	
AC 100～240V，50/60Hz	AC Power interface

Specifications

Input index		
Interface	Number	Resolution specification
DVI IN	1	VESA standard
HDMI IN	1	EIA/CEA-861 standard; complying with HDMI-1.3 standard; supporting HDCP

Output index		
Interface	Number	Resolution specification
DVI OUT	1	In accordance with DVI input
HDMI OUT	1	In accordance with HDMI input

Overall Specifications	
Input power	AC 100～240VAC，50/60Hz
Overall power consumption	16W
Temperature of working environment	-20℃~60℃
Humidity of working environment	0%RH~95%RH
Net weight	3.6 Kg
USB Cable	1.5M
DVI Cable	1.5M

FCC Caution

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.