Specifications

Independent Controller MCTRL660

V1.3.1   NS110100123

Overview

MCTRL660 is the latest independent master controller of NovaStar, which is mainly applied for display rental service.
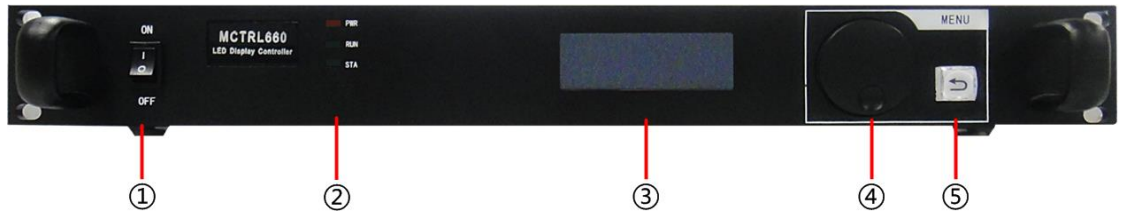
It supports screen configuration at any time without a computer.

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) 18 bit gray scale processing and presentation;

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

Appearance

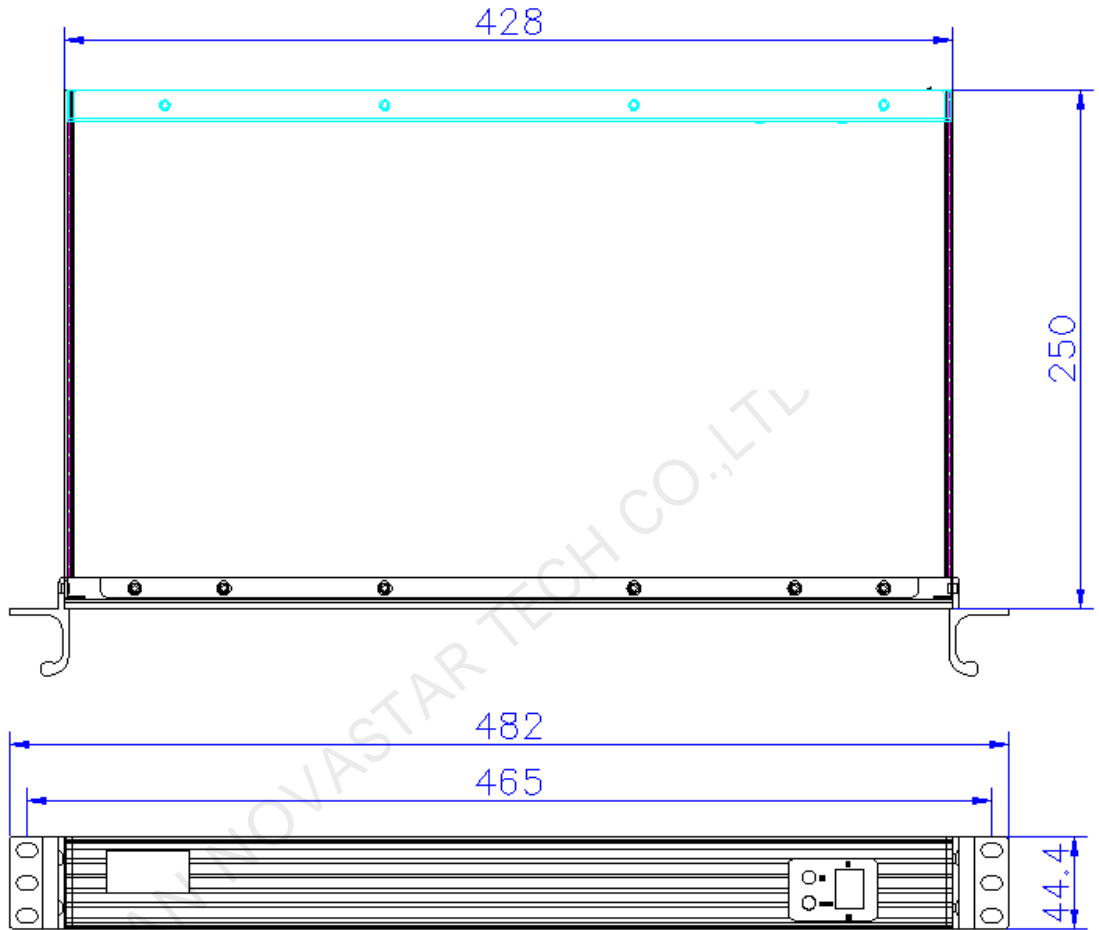| ① Power indicator; |
| --- |
| ②：LED Indicator

  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
OUT1~4	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

Dimensions

19" 1U Standard Cabinet.

428

250

482

465

44.4

Unit: mm

Specifications ————————————————————

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

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

Overall Specifications	
Input power	AC 100-240V, 50/60Hz
Overall power consumption	16W
Temperature of working environment	-20~60℃
Humidity of working environment	0%~95%
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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.