

Nova M3 MCTRL660 Controller

Specifications

Ver 1.0.2 2014-11-03

1 Functions



MCTRL660 is the latest independent master control by NovaStar, It supports screen configuration at any time without a computer. It has the following characteristics:

- 1) Adopts an innovative architecture to implement smart configuration; the screen debugging can be completed within 30 seconds;
- 2) Adopts the Nova G4 engine; the screen is stable and flicker free without scanning lines; the images are exquisite and have a good sense of depth;
- 3) Supports Nova's new-generation point-by-point correction technology; the correction is fast and efficient;
- 4) Can implement white balance calibration and color gamut mapping based on different features of LEDs used by screens to ensure reproduction of true colors.
- 5) 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) Supports screen configuration at any time without a computer;
- 7) Supports manual adjustment of the screen brightness, which is convenient and efficient;
- 8) HDMI/DVI input;
- 9) HDMI/external audio input;
- 10) 12bit/10bit/8bit HD video source;
- 11) Resolution supported: 2048×1152, 1920×1200, 2560×960;
- 12) Resolution supported: 1440×900; (12bit/10bit)
- 13) 1 light sensor interface;
- 14) Cascading supported;
- 15) 18bit gray scale processing and presentation;
- 16) Video format: RGB, YCrCb4:2:2, YCrCb4:4:4;

2 Dimensions and interface

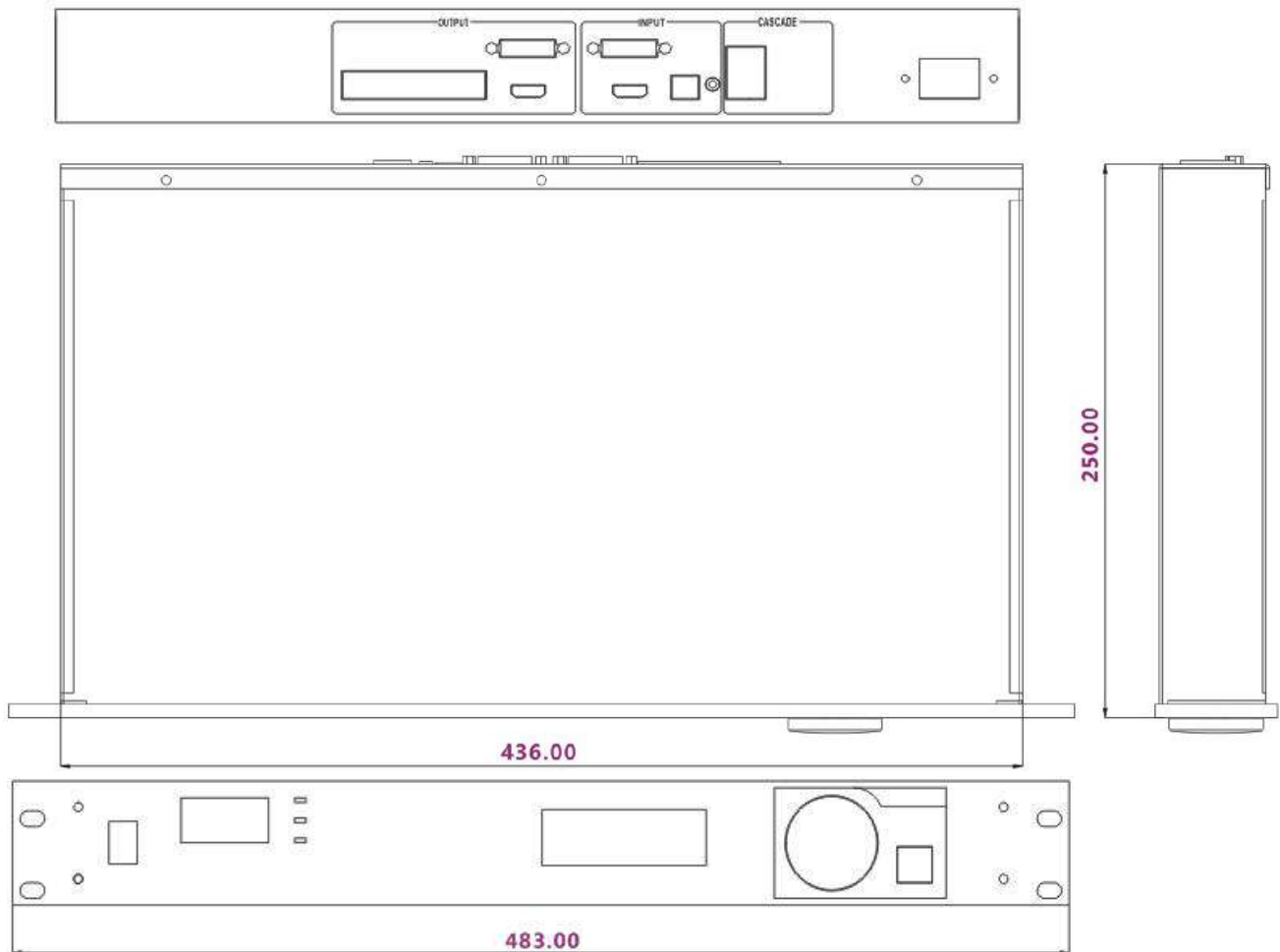
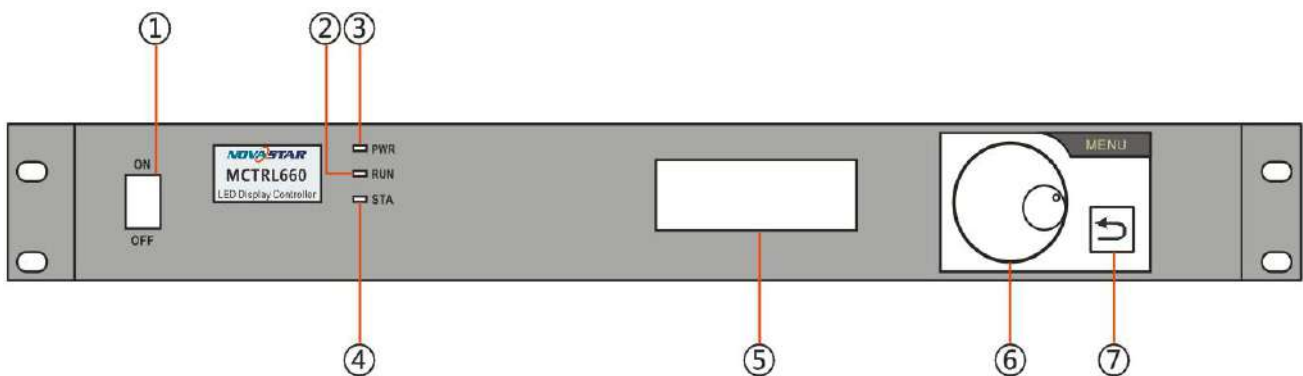
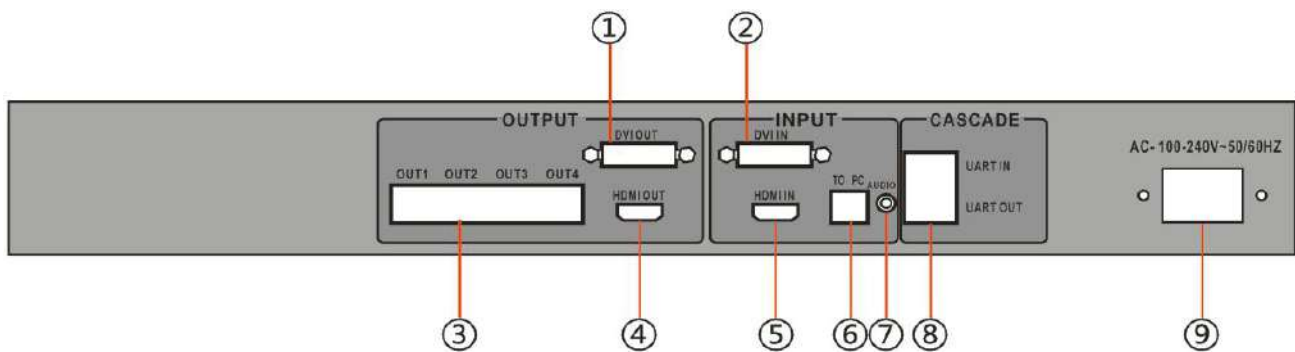


Fig. 1 MCTRL660 Dimensions



- ① Power Switch;
- ② Indicate equipment running indicator 1. It blinks quickly when no video source is available and blinks normally when a video source is available;

- ③ Indicate the power indicator;
- ⑤ Operation screen;
- ④ Indicate equipment running indicator 2. It is steady on when the equipment runs normally and blinks quickly during authorization.
- ⑥ Press the button to enter the option and rotate the button to conduct selection or adjustment.
- ⑦ exit from the current operation or option.



- ① Indicate the digital visual interface (DVI) output interface;
- ② Indicate the DVI input interface;
- ③ Indicates output by four network interfaces;
- ④ Indicate the HDMI output interface;
- ⑤ Indicate the HDMI input interface;
- ⑥ Indicate the interface for connecting the computer;
- ⑦ Indicate the audio input interface;
- ⑧ Indicate the cascading interface of serial ports;
- ⑨ Indicate the AC power interface.

3 Specification Table

ITEM	SPECIFICATIONS
Transmitting card model No.	Mctrl600
Control port	USB
Video signal input	DVI
Signal output	RJ45/Fiber-optic
Weight	5.3Kg
Net weight	3.9Kg
USB Cable	1.5M Length
DVI Cable	1.5M Length

	Normal	Minimum	Maximum	Unit
Limit voltage		100	240	V
Working voltage		3.3	5.5	V
Working current	1.1			A
Working temperature		-20	60	°C
Working humidity		10	90	%