Nova M3 MCTRL660 Controller Specifications

Ver   1.0.2   2015-08-05

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/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; (12bit/10bit)

14) Cascading supported;

15) 18bit gray scale processing and presentation;

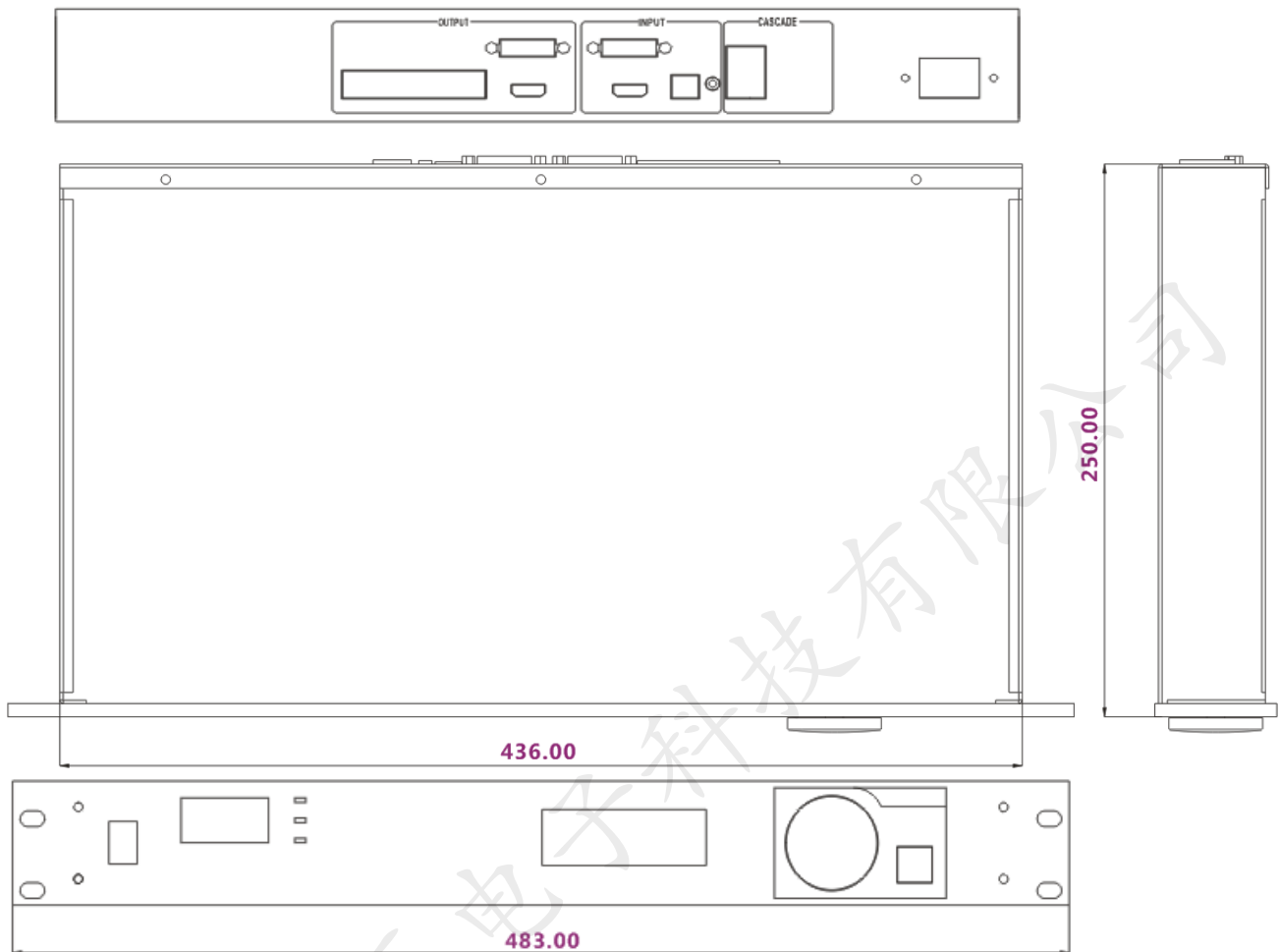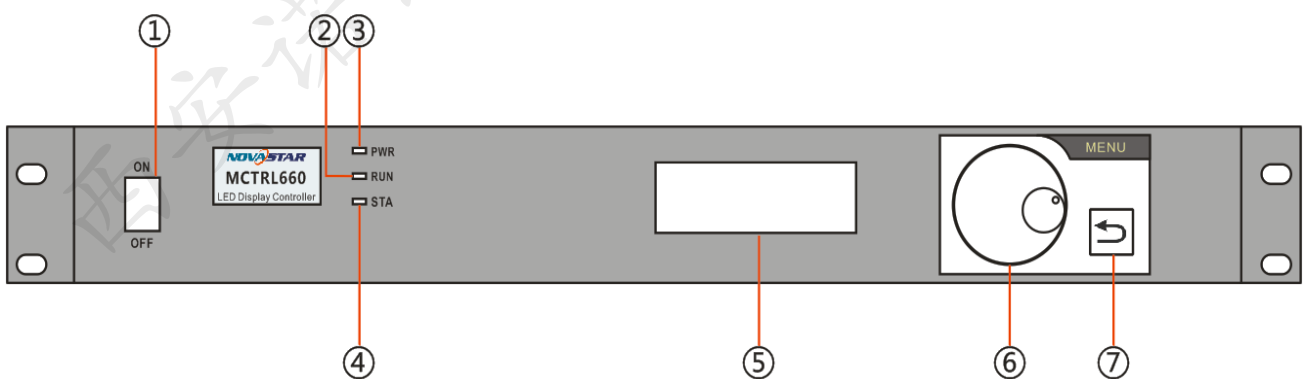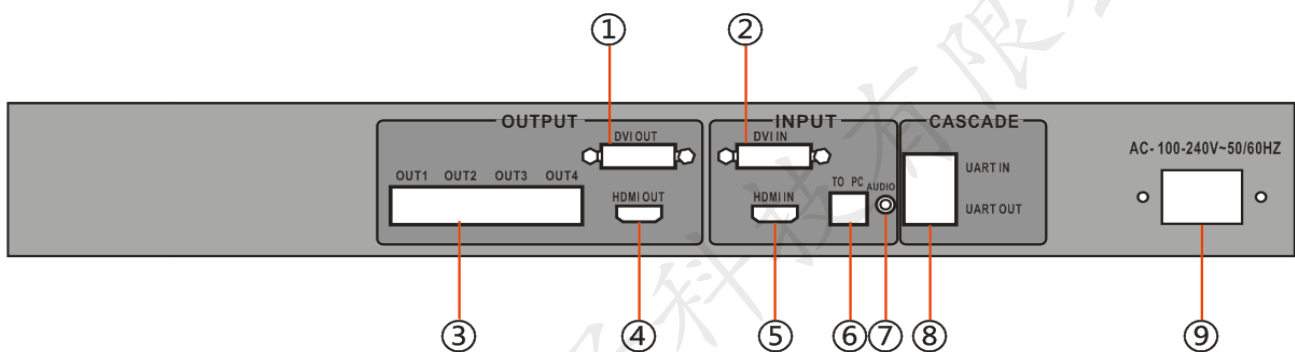16) Video format:RGB,YCrCb4:2:2,YCrCb4:4:4;

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	℃
Working humidity		10	90	%