

Nova M3 MCTRL300 Controller

Specifications

V2.0.1 2014-7-22

1. Functions



Nova M3 MCTRL300 is standard model of Nova controller. It has the same characteristics as sending card MSD300, as follows:

- 1) 1 DVI video input;
- 2) 1 audio input;
- 3) 2 Ethernet port output;
- 4) USB interface. Can be cascaded for uniform control;
- 5) Single sending card supports resolution of 1280×1024, 1024×1200, 1600×848, 1920×712 or 2048×668;
- 6) 1 light sensor interface;

- 7) Independent power supply;
- 8) 2 serial ports (UART OUT\UART IN) for cascading by USB cable;

XI'AN NOVASTAR TECH CO., LTD

2. Dimensions and interface

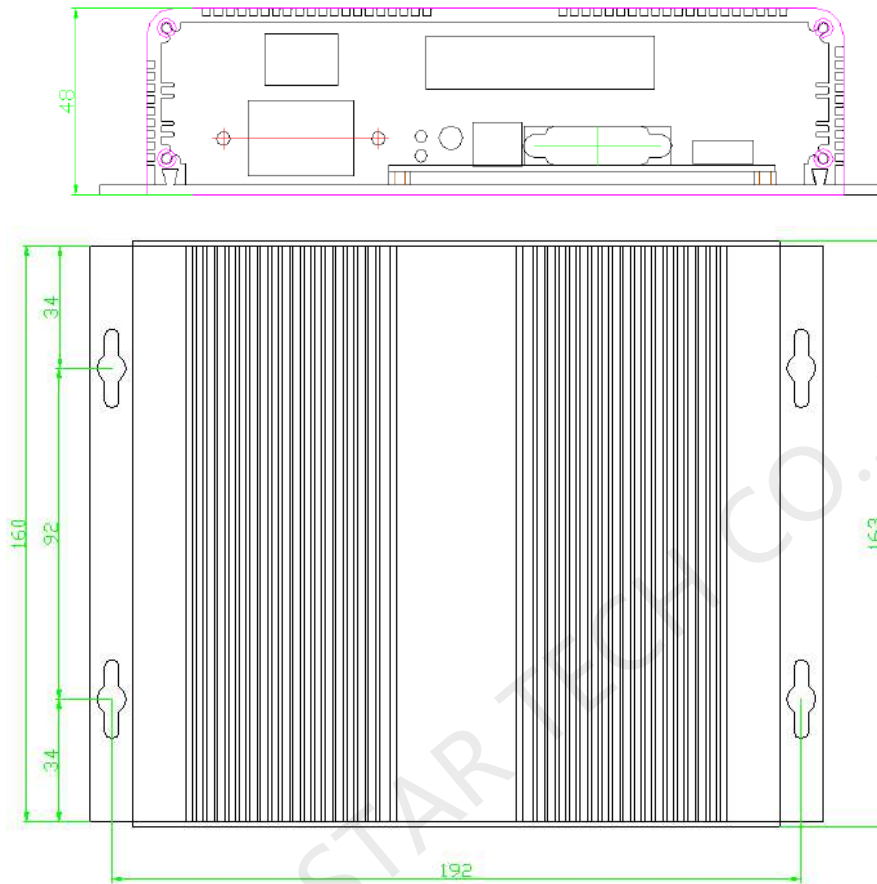


Fig. 1 MCTRL300 dimensions



Fig. 2 Interface diagram

3. Connection

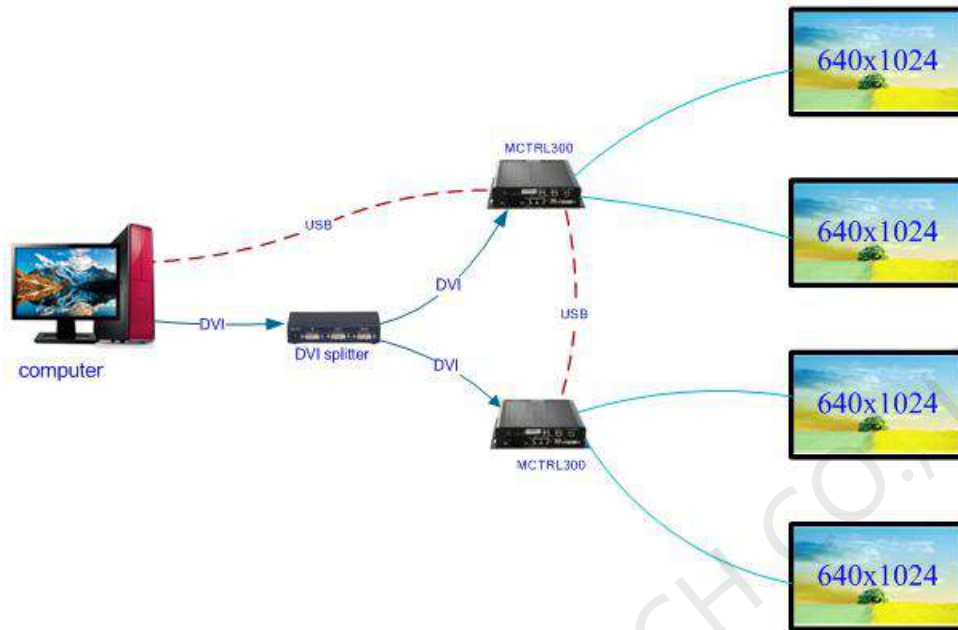


Fig. 3 MCTRL300 connection diagram

4. Specification Table

ITEM	SPECIFICATIONS
Transmitting card model No.	Mctrl300
Control port	USB
Video signal input	DVI
Signal output	RJ45/Fiber-optic
Maximum load capacity/ Frame rate	1.37million pixels/30~60Hz

Weight	1.75Kg
Net weight	1Kg
USB Cable	1.5M Length
DVI Cable	1.5M Length

Rated voltage AC (V)	220	Maximum	240	Minimum	100
Rated current (A)	0.5	Maximum	0.7	Minimum	0.4
Rated power (W)	2.5	Maximum	2.9	Minimum	2.2
Temperature of working environment (°C)	-20°C~75°C				
Humidity of working environment (%)	0%~95%				