



*Shenzhen Mooncell Electronics Co., Ltd*

## *Master Controller Series*

# *MTB200S Product Specifications*



# 1 Product Overview

## Product Introduction

MTB200S is the Big Sending Enclosure that produced by Moonell, with a built-in V30 Pro sending card, and with 2 Network Ports Outputs. The maximum loading capacity could reach up to 1.3 million pixels.

## Product Features

- 1x DVI video signal input, synchronous transmission via the network cable.
- 1x AUDIO input, synchronous transmission via the network cable.
- 2x gigabytes Ethernet output ports, it supports the arbitrary splicing.
- 1x USB port communication, multiple sending cards could be cascading connected to one computer.
- It supports Ethernet Port Loop Dual Backup, Dual Master Controller Backup.
- It supports to have multiple preset resolutions: 1024×768、1280×1024、1366×768、1600×1200、1920×1080、2048×1152、2560×960 and the user defined resolution is supported.
- It is compatible with 30HZ, 50HZ, 60HZ, 120HZ and other Frame Rate Input.
- It supports the upper computer software to detect the operating parameters and status of the sending card.
- It supports to read the configurations back from where it was stored ( configuration read back )
- It supports to detect the error rates of the gigabyte network.

## Application Scenarios

Mooncell MTB200S with powerful video processing and sending ability which has been widely used in various application scenarios, such as hotel stages, bars, live TV broadcasts, and out-of-home advertising projects.



## 2 Product Parameters

### Basic Parameters

Loading Capacity	1 Network Port	650 Thousand Pixels
	Entire Unit	1.3 Million Pixels
Loading Range	Width	128—4096 Pixels
	Height	64—4096 Pixels
Shift Range	Width	0—4095 Pixels
	Height	0—4095 Pixels

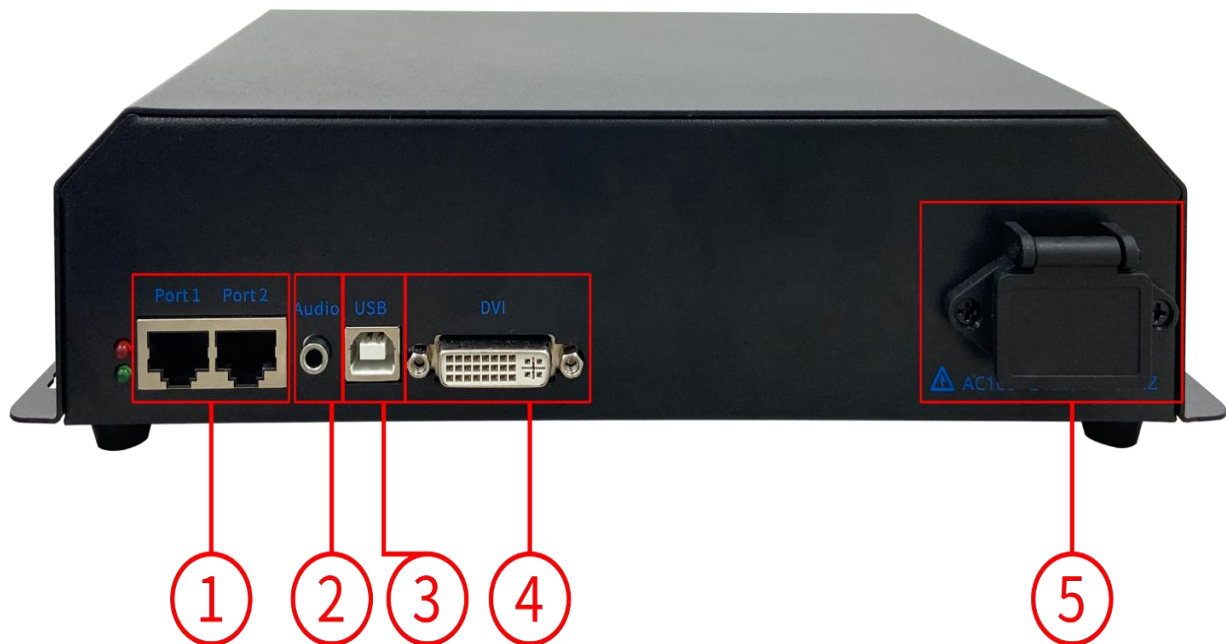
### Hardware Introduction

#### Front Panel



**Front Panel Illustration**

#	Name	Illustration
1	ON/OFF	Power ON/OFF
2	Brightness Display	Displays the current brightness value
3	Indicator	The operating status indicator of the controller
4	Gigabit Ethernet port	Debug network port
5	Key -	Button to Reduce brightness
6	Key +	Button to Increase brightness



## Backside Panel

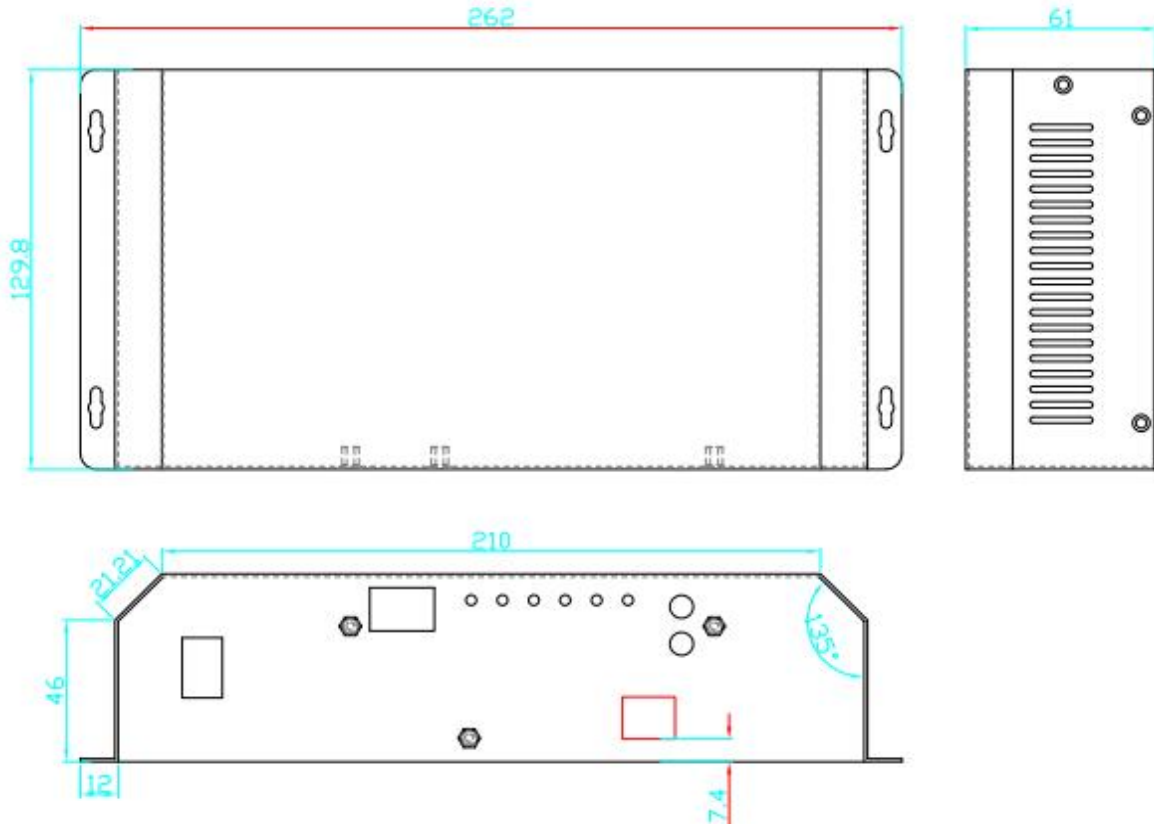
Backside Panel Illustration		
Input Interface		
#	Name	Illustration
2	AUDIO	3.5mm AUDIO INPUT Port
4	DVI	DVI Video Signal Input Port
Output Interface		
#	Name	Illustration
1	Gigabyte Ethernet Port	<ul style="list-style-type: none"> <li>◆ OUT1-OUT4: Output Ethernet Ports1-2</li> <li>◆ 650 thousand pixels for 1 network port</li> <li>◆ it supports network port loop backup.</li> </ul>
Control Interface		
#	Name	Illustration
1	USB (B TYPE)	to get it connected to the software on the PC to communicate.
Power Interface		
#	Name	Illustration
5	AC Power Port	AC-100-240V-50/60HZ AC Power Port

## Indicator Illustration

Indicator	Illustration	
OUT1-OUT2	flickering at a constant speed	Gigabyte signal communicates well
	Long-lasting on	No gigabytes signal
DVI	Long-lasting on	DVI signal input well
	Long off	NO DVI SIGNAL INPUT
USB	LONG ON	USB Cable Connected
	Long off	No USB Cable connected



## Dimensions



# 3 Product Specifications

## Specifications

Electric Parameters	Input Voltage	AC-100-240V-50/60HZ
	Rated Power	10W
Operating Environment	Operating Temperature	-20°C - 70°C
	Operating Humidity	10%RH-90%RH No Solidification
Dimensions	300mmX200mmX130mm	
Net Weight	2 Kg	

## Precautions

1. High voltage danger: The working voltage of this product is AC -100V~240V.
2. It is forbidden to immerse conductive objects such as liquids and metal fragments into the equipment to avoid safety accidents.
3. Please use the equipment in a dry and clean environment.

