



## Overview

HD-T901B is a synchronous sending box of Huidu, with the R50X series receiving card to connect the LED screen.

It has the following features

- 1) 1 DVI video input,
- 2) 2 Gigabit Ethernet port outputs,
- 3) USB-B control interface which is able to be cascaded for uniform control;
- 4) cascading multiple units can be unified control.

Supporting computer playback control software HDPlayer and debugging software HDSset.

## Configuration list

product name	Type	Function
Sending card	HD-T901B	Core dashboard, convert and send data
Receiving card	R50X	Connect the screen, show the program to the LED screen
Edit software	HDPlayer	Edit program, send program
Debug software	HDSset	Debug screen
Accessories		DVI cable, USB-B cable, net cable, AC power cable

## Application scenario

Single screen through the direct control of the computer



Note: The number of T901 sending card and receiving cards per screen need depends on the screen size.

## Specifications

---

- 1) Support 1~64 scan, compatible with indoor and outdoor full color and single color module.
- 2) Control range: 130W point, the widest 3840, the highest 2048.
- 3) One DVI video input.
- 4) Supports up to 65536 grayscale level.
- 5) Support cascading with serial port to configure multiple sending cards, support sending card cascade to control screen in high resolution.
- 6) Equipped with AC 220V convert to DC 5V device.

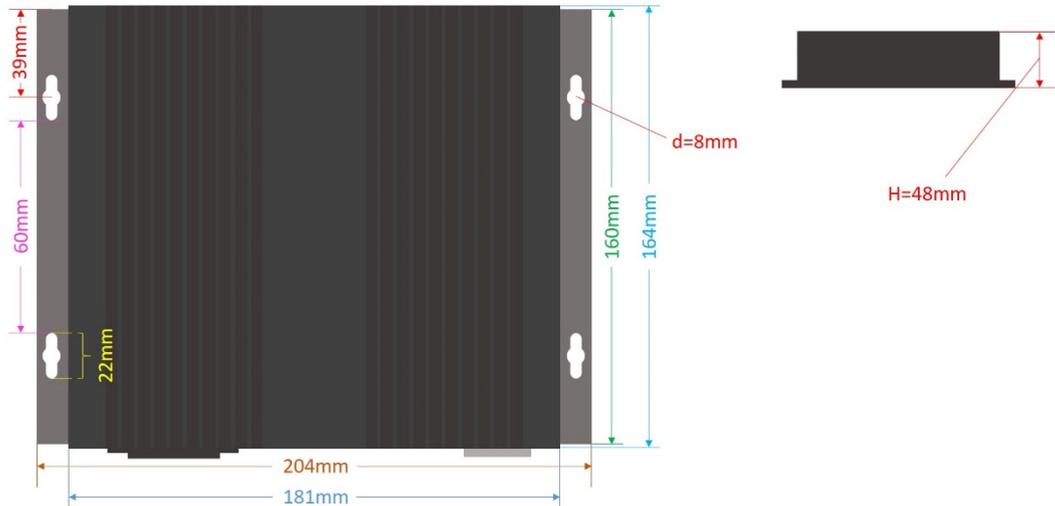
## System function list

---

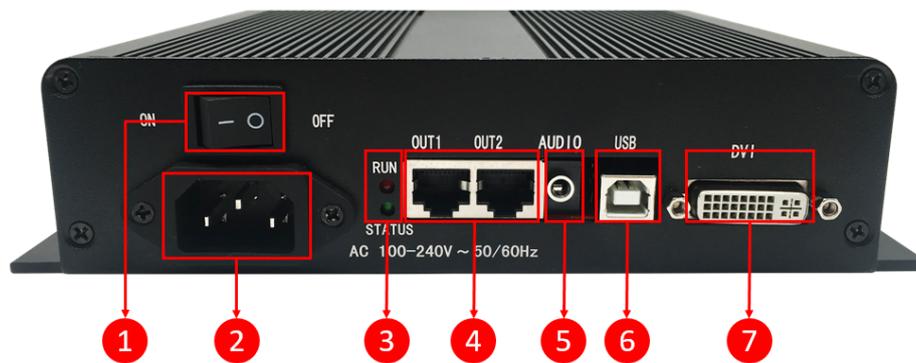
<b>Module type</b>	Compatible with indoor and outdoor full color and single color module; Support MBI, MY, ICN, SM and other PWM chips; Support Conventional chip
<b>scanning method</b>	Supports any scanning method from static to 1/64 scan
<b>Control range</b>	1280*1024@60Hz, 1024*1200@60Hz,1600*730@60Hz,1920*640@60Hz, 2048*640@60Hz, 3840*340@60Hz, 512*2048@60Hz 2048*1024@30Hz,1600*1170@30Hz ,1920*1024@30Hz, 3840*546@30Hz,1024*2048@30Hz etc.
<b>Control range in pixel of single receiving card</b>	Recommended: R500: 256 (W) * 128 (H) R501: 256 (W) * 192 (H)
<b>Grayscale</b>	Support 0-65536 level adjustable
<b>Program update</b>	DVI synchronous display
<b>Temperature of working environment</b>	-20°C-80°C
<b>interface</b>	Input: AC 110~220V power supply terminal, DVIx1, USB 2.0 x1Output: 1000M RJ45 x2, serial for cascadingx1
<b>Software</b>	HD Player ,HD Set

## Dimensions

HD-T901B size is as follows:



## Appearance Description



- ① Power switch.
- ② AC 110~220V input.
- ③ LED indicator, Device working the Red light is blinking, DVI input the Green light blinking.
- ④ Gigabit Ethernet port, connect the receiving card.
- ⑤ Audio output.

- ⑥ USB configuration interface.
- ⑦ DVI input, connect the computer or VP.

## Technical Parameters

---

	Minimum	Typical value	Maximum
Rated voltage (V)	110	220	240
Storage temperature (°C)	-40	25	105
Working environment temperature (°C)	-40	25	80
Working environment humidity (%)	0.0	30	95