

Product Specification

4K Synchronous Sending Box HD-T16

1. Product Overview

HD-T16 (T16 for short) is a transmitter with powerful video signal reception capabilities, supporting either DP1.4 or HDMI2.0 source inputs. It supports a maximum of 8.84 million (4096x2160) pixels, a maximum width or height of 8192 pixels, and a maximum of 4096x2160@60Hz 4K video signal input, which can greatly meet the configuration requirements of ultra-long, ultra-high and ultra-large screens on site. Integrated 16 Gigabit network port output, can be used in hotels, shopping malls, conference rooms, exhibitions, studios and other occasions that need synchronous playback, while T16 is equipped with Wi-Fi function as standard, supporting wireless control of PC software.

2. Connection Diagram



3. Product Features

Input

- Support 1 channel of DP1.4, 1 channel of HDMI2.0 signal input, two video signals can be switched arbitrarily;
- Support 1 TRS 3.5mm standard two-channel audio input, can be connected to a multi-function card to transmit audio.

Output

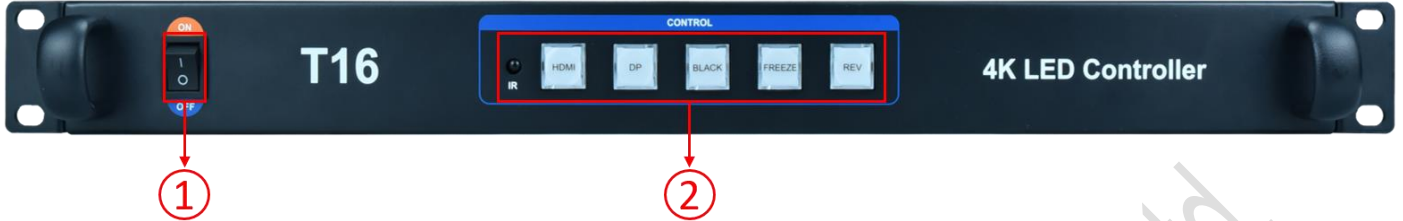
- Standard configuration of 16 Gigabit Ethernet ports, directly cascaded to the receiving card;
- 1 channel HDMI OUT, used for display screen program preview;
- The maximum control is 8.84 million pixels (4096x2160), the maximum horizontal support is 8192 pixels, and the maximum vertical support is 8192 pixels.

Function

- Support 4096x2160@60Hz synchronous signal input, point-to-point display;
- Standard Wi-Fi, support PC software wireless control;
- Support key black and freeze function;
- Support multiple units seamless splicing;
- Support infrared remote control (optional).

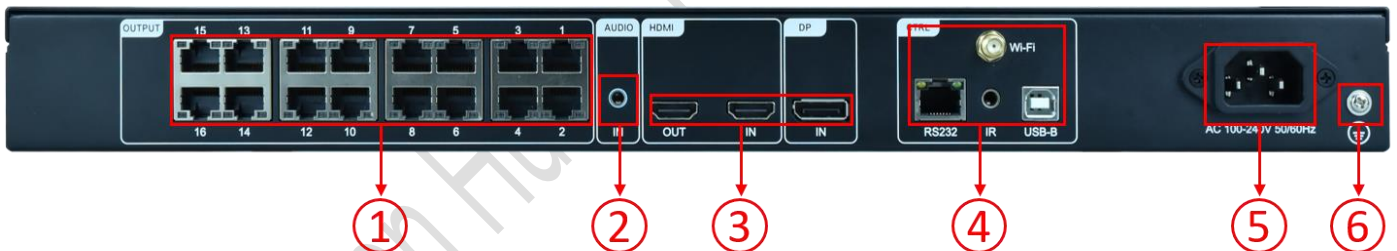
4. Appearance Description

HD-T16 Front panel:



Button description		
No.	Name	Description
1	Switch	Control AC Power Input
2	IR	IR: infrared remote control receiver
	HDMI	Select HDMI video signal display
	DP	Select DP video signal display
	BLACK	One key black screen button
	FREEZE	Click to freeze screen
	REV	reserved

HD-T16 Rear panel:

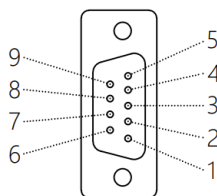
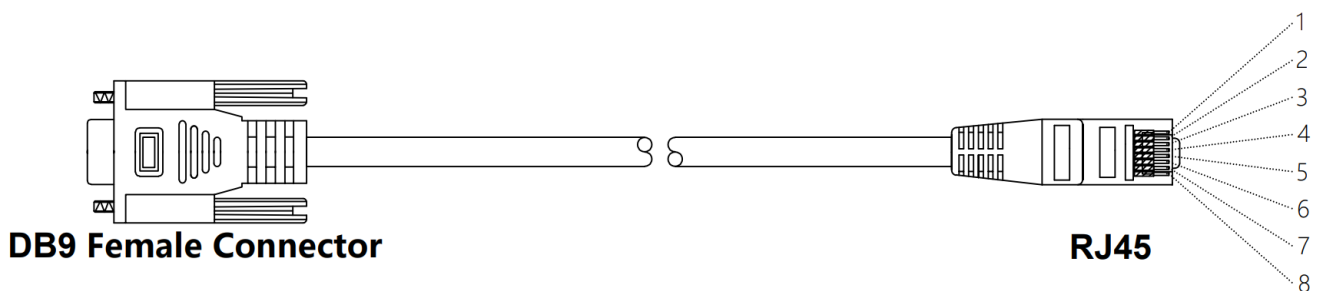


Input interface			
No.	Name	Quantity	Description
2	AUDIO IN	1	TRS 3.5mmtwo-channel audio input interface
3	HDMI	1	<ul style="list-style-type: none"> HDMI2.0Input interface, interface form: HDMI-A Signal standard: HDMI 2.0backward compatible Maximum input resolution: 4096x2160@60Hz Customizable resolution: Extreme width: 8192x1080@60Hz; Extreme height: 1080x8192@60Hz
	DP	1	<ul style="list-style-type: none"> DP Input interface, interface form: DP Signal standard: DP1.4backward compatible Maximum input resolution: 4096x2160@60Hz Customizable resolution: Extreme width: 8192x1080@60Hz; Extreme height: 1080x8192@60Hz
5	Power	1	AC 100 ~ 240V, 50/60Hz

Output interface			
No.	Name	Quantity	Description
1	Gigabit Ethernet port	16	<ul style="list-style-type: none"> Used to cascade receiving cards to transmit RGB data streams Network port 1 supports audio transmission Each network port controls 650,000 pixels(max width 4096, max height 2048)
3	HDMI OUT	1	HDMIOUT, Used to monitor what's playing on the display

Control interface			
No.	Name	Quantity	Description
4	USB-B	1	Connect to a computer for debugging the device
	RS232	1	RJ45 interface, Centrally controlled by connecting to a central control device
	Wi-Fi	1	Connect a Wi-Fi antenna
	IR	1	It is used to connect an external infrared remote control extension cable

* The schematic diagram of the RS232 (RJ45 interface) to DB9 connection cable is as follows. It is optional. If you need it, please contact Huidu sales or technical support in advance.



Line Ordering:

DB9 female connector

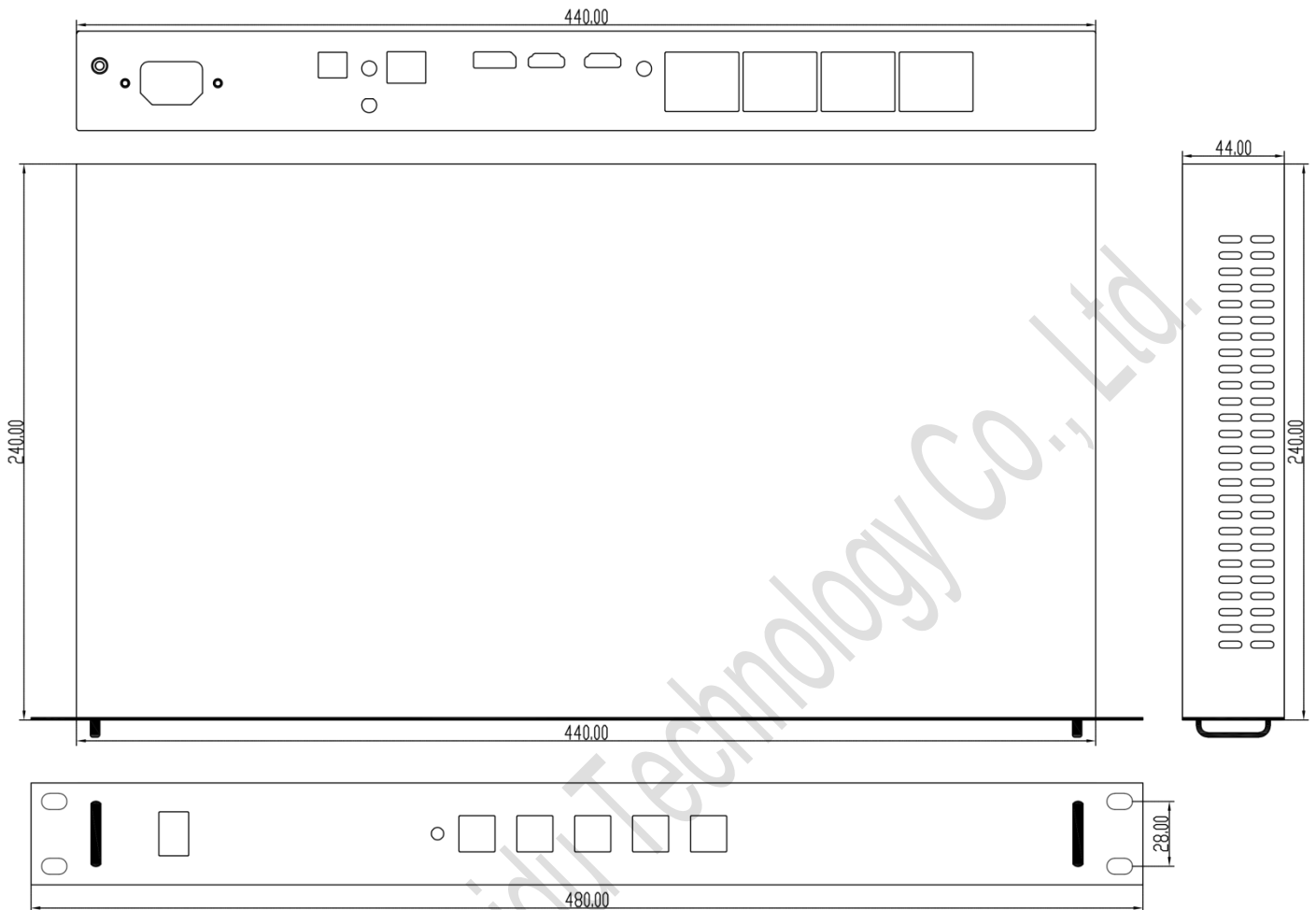
RJ45 connector

2-RX TX-1(Red)

3-TX RX-2(Blue)

5-GND GND-3(Black)

5. Dimensions



6. Basic Parameters

Parameter item		Parameter value
Chassis specifications		1U standard
Electrical Specifications	Power supply	AC 100~240V 50/60Hz
	Power consumption	30W
Working environment	Working temperature (°C)	-20°C~60°C
	Working humidity (RH)	20%RH~90%RH (no condensation)
Storage environment	Storage temperature (°C)	-20°C~70°C
	Storage humidity (RH)	10%RH~95%RH (no condensation)
Equipment Specifications	Size	W×H×D/480mm×44mm×240mm
	Net weight	3.1KG
Packing specifications	Packing size	W×H×D/515mm×82mm×355mm
	Packing weight	4.1KG

Illustrate:

- Welcome to choose Huidu Technology products. There may be slight differences between the product pictures in the specifications and the actual appearance (including the number of holes in the product size diagram, etc.). If you have any questions, please contact technical support or salesperson for confirmation.