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4K*2K HDMI SPLITTER 1*2

APPROVAL SPECICATION

Model No. DT-7142A

Product name: 4K*2K HDMI SPLITTER 1*2

I . Introduction

This product belongs to the HDMI signal distribution category. Generally, the high-definition DVD only has one HDMI output port, but sometimes the HDMI splitter plays a certain role when multiple monitors or TV are required to display the same picture. This is an ultra-HD HDMI splitter that supports 3D and 4K*2K resolution. It can easily distribute an Ultra HD signal to multiple monitors that support Ultra HD signals. In addition, the front and rear ends of the product can be connected to the distributor, matrix, extender, etc., the image effect will not be attenuated, and is very stable. Play HD video without any pause, no delay, no tailing, and perfect support for 3D let you feel the shocking stereoscopic picture. This product is mostly used in video advertising, monitoring, information release, security system, multimedia teaching system, banking, subway, computer room, management long distance transmission and other occasions.

II . Detailed parameters

This HDMI splitter uses a high-tech HDMI signal distribution chip, the signal is stable and not lost within an effective distance, and can support 2 signals output simultaneously. The design of the solution chip is temporarily confidential, and the product has a software control part.

1. Connection Diagram



2. Test report

(1) Test devices

(2) The length of tested cable

26AWG HDMI cable: input port is 15m, output port is 10m.

24AWG HDMI cable: input port is 20m, output port is 15m.

(3) Test result

The test of all devices and cables mentioned above are passed when the output signal source resolution is 4K*2K 30HZ. (Compatible with 1080P)

Sony Blu-ray player	Philips Blu-ray player	Panasonic Blu-ray player
Haimeidi Player	Skyworth Player	
Sony 55-inch LCD TV	Skyworth 50-inch LCD TV	LG 49-inch LCD TV
LETV 49 inch LCD TV	TCL 49 inch LCD TV	Samsung 48 inch LCD TV
All of them support 4K.		

3. Function parameter

(1) Support the highest signal format: 4K*2K 30Hz, support 3D, backward compatible with 1080P

(2) HDMI signal bandwidth: 340MHz / 3.4Gbps

(3) HDMI version 1.4, HDCP 1.4 compliant

(4) Support EDID automatic identification

(5) Support Blu-ray BLU-ray DVD24 / 50 / 60fs / HD-DVD / XUYCC

(6) Audio format DTS-HD, Dolby-trueHD, LPCM7.1, DTS, DOLBY-AC3,DSD, HD (HBR)

(7) There is a signal connection indicator, and the corresponding channel has a signal output that will automatically light up.

4. Electrostatic discharge voltage protection

±8KV

5. Working temperature

-15~75°C (at room temperature 20°C)

6. Usage requirements

The HDMI signal belongs to digital signal. In order to amplify and extend the signals, please ensure the completeness of HDMI signal when access to this product. It can not be amplified or extended if the signal is unstable.

Please use the standard cable and specified length. And the non-standard length may cause the signal instability.

7. Technical parameter

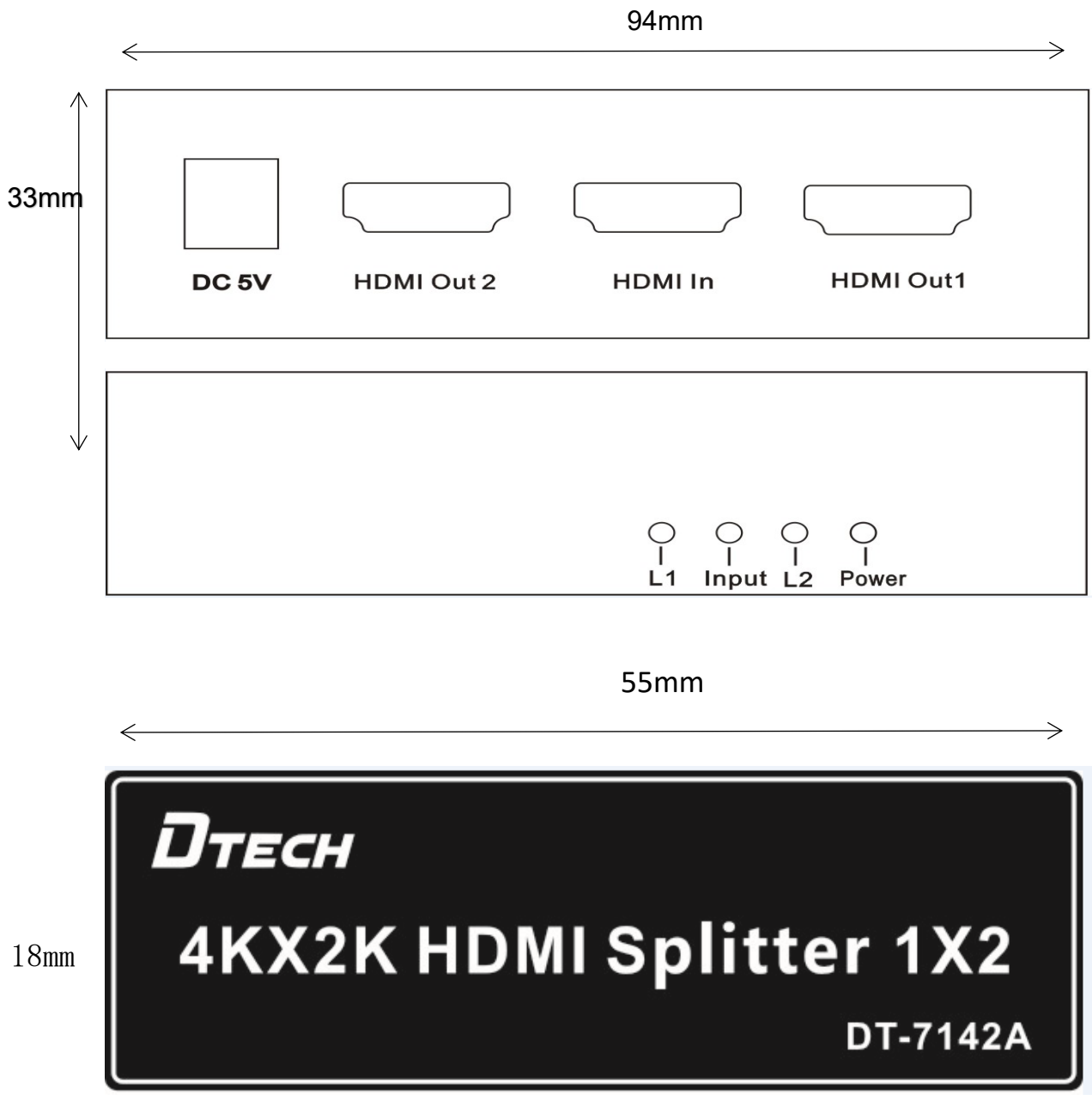
	Parameter name	Detailed description
Video	protocol supported	HDCP 1.4
	Pixel bandwidth	340MHz, full digital
	Interface bandwidth	total bandwidth 10Gbps
	Maximum support resolution	4K*2K@30Hz
	Interface	HDMI-A
	Impedance	100Ω
Support	EDID	support
	Audio format	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/DOLBY-AC3/DSD/HD(HBR)
	HDMI input distance	24AWG(15m)
	HDMI output distance	24AWG (10m)
Others	Power supply	power supply adapters: DC 5V/1A
	Maximum power consumption	3.8W
	Working temperature	-5°C ~ +70°C
	Working humidity	5% ~ 90%

III. Product accessories

- (1) power adapter: 5V/1A power 5.5 *1pc
- (2) manual book *1pc

IV. Appearance specification (all metal shell)

(Tolerance: $\pm 2\text{mm}$)



VI. Product label

Black character on white background 5cm*3cm



VII. Product package



Product



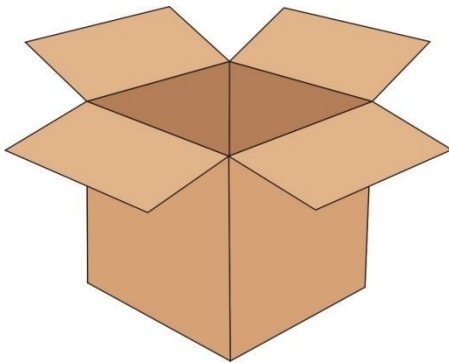
PO bag
10cm*15cm*3C



Blister inn



Inner box:
21.5*15.2*5cm
Weight:0.45KG



Outer carton box
57.5*46*32.5

Remarks:
QTY: 40PCS/CTN
G.W.:14.5KG