

Model No. DT-7073

Product name: HDMI Extender 60m

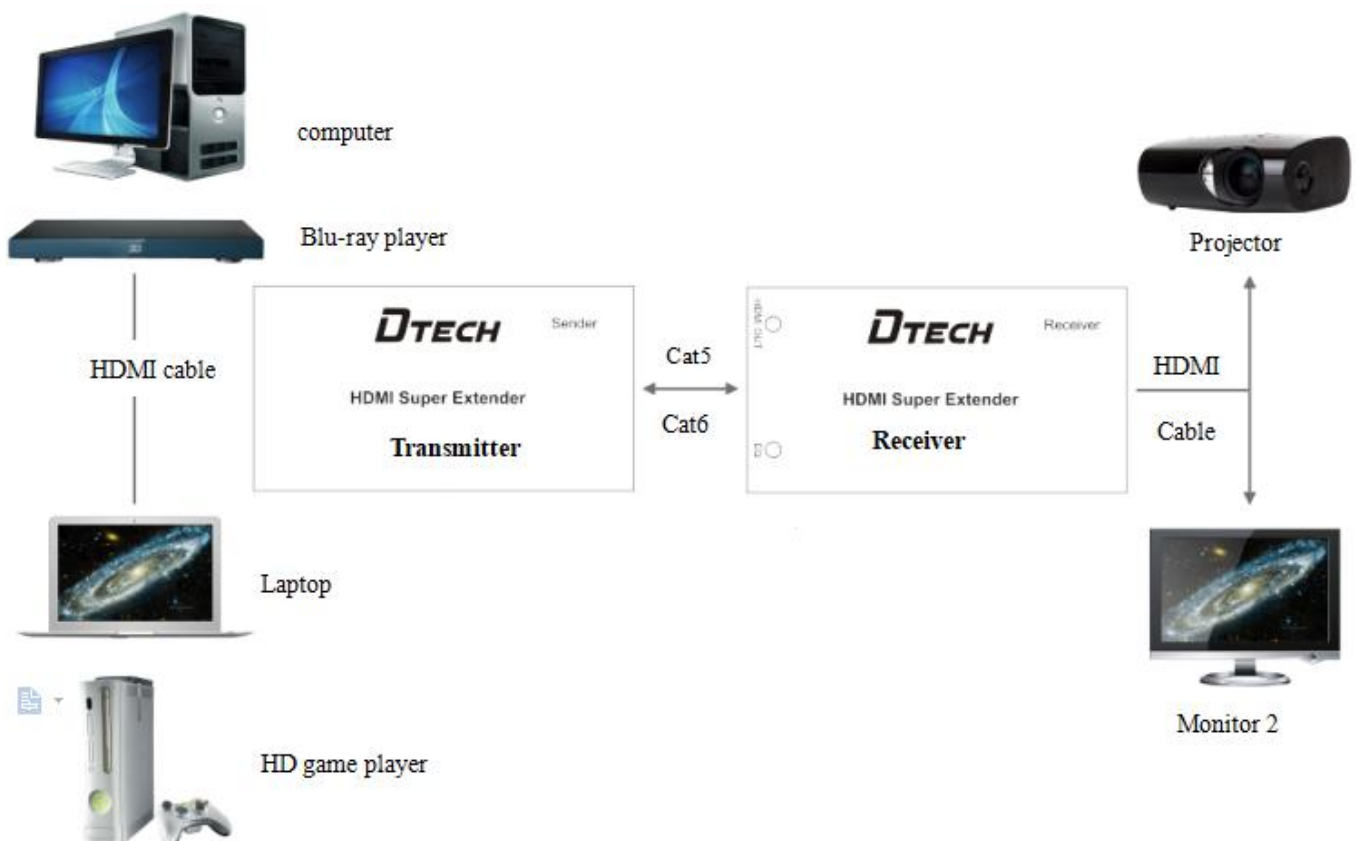
I . Introduction

HDMI single cable Extender break the limitation of HDMI cable transmission distance. The HDMI signals can be transmitted up to 50m via single lan cable. Besides, it increases one way HDMI local output, more convenient to use. It can be widely used for HD LCD TV selling show, data release, information release, conference room, school and various training places.

II . Detailed parameters

This HDMI extender adopt high-tech HDMI signal extension chipset, with stable signal and no loss within the effective distance, can transmit up to 50m maximum. It adopts the uncompressed signal transmission program, supports HDMI resolution 1080P@60Hz.

1. Connection diagram



1. Product performance testing report

(1) Performance report

Model No.: DT-7073
Product name: HDMI extender 60M
Product Period: 72 hours

(2) Parameters of the instrument & devices used

S.N.	instrument & devices name	parameters
1	Samsung 4K TV	26AWG 10mts 1920*1080@60Hz
2	SONY 4K TV	26AWG 15mts 1920*1080@60Hz
3	AOC Monitor (280L)	28AWG 5mts 1920*1080@60Hz
4	Desktop computer	24AWG 15mts 1920*1080@60Hz
5	SL-881	28AWG 5mts 1920*1080@60Hz
6	Player (Mango)	28AWG 5mts 1920*1080@60Hz
7	Hard disk recorder	28AWG 5mts 1920*1080@60Hz
8	Blu-ray player (SONY)	30AWG 15mts 1920*1080@60Hz
9	Blu-ray player (SAMSUNG)	28AWG 10mts 1920*1080@60Hz
10	Blu-ray player (Philips)	28AWG 5mts 1920*1080@60Hz
11	PS4 player	28AWG 5mts 1920*1080@60Hz
12	Apple TV	26AWG 5mts 1920*1080@60Hz
13	Apple PC	26AWG 5mts 1920*1080@60Hz
14	4K video wall	28AWG 5mts 1920*1080@60Hz
15	power adapter	DC5V/1A(2pcs)
16	CAT 6 CABLE	60mts
17	digital multimeter	temperature sensor
18	mobile phone	stop watch

(3) Comparison between testing content and task book

S.N.	Testing items	actual testing items	standard requirement	Conclusion
1	Aging temperature	uninterrupted 72 hours	uninterrupted 72 hours	Working properly
2	aging temp of transmitter	80℃	80℃	working properly
3	aging temp of receiver	60℃	60℃	working properly
4	HDMI input hot plug	20 times	20 times	response time:6 seconds
5	HDMI output hot plug	20 times	20 times	response time:3 seconds(transmitter)
6	HDMI output hot plug	20 times	20 times	response time:3 seconds(receiver)
7	power adapter hot plug (transmitter)	20 times	20 times	response time:8 seconds
8	power adapter hot plug (receiver)	20 times	20 times	response time:3 seconds
9	LAN cable hot plug (transmitter)	20 times	20 times	response time:3 seconds
10	LAN cable hot plug (receiver)	20 times	20 times	response time:3 seconds

(4) Testing conclusion:

the testing above are all real time testing, the product works properly during the testing period. The sample proves to be qualified.

2. Product function parameters

- (1) support 3D, maximum resolution 1080P
- (2) HDMI format: 480i/480p/576i/576p/720i/720p/1080i/1080p
- (3) HDMI signal band width:225MHz/2.5Gbps
- (4) support 24bit/ 30bit/36bit /48bit dark color
- (5) support BLU-ray DVD24 / 50 / 60fs / HD-DVD / XUYCC
- (6)audio format: DTS-HD, Dolby-trueHD, LPCM7.1, DTS, DOLBY-AC3, DSD, HD(HBR)
- (7)the HDMI signals can be transmitted to 40m via cat5 cable; 50m via cat5e cable; 60m via cat6 cable.
- (8) the receiver equipped with EQ adjustment button, it can make the signals to the best status by EQ adjusting according to the length of the LAN cable.
- (9)The transmitter of Products with POC power supply , and the receiver does not need to supply power.

4. Electrostatic discharge voltage protection

±8kV

5. Product working temperature

The transmitter working temperature: 40~80℃(room temp. 20℃)

The receiver working temperature: 40~60℃(room temp. 20℃)

6. Notes

Common problems in usage

1) no signal output in the receiver

Please check whether the indicator light of the receiver is on; if not, please check whether there is signal input of the transmitter or whether the receiver is connected through with the display device.

Or you can connect the local output of the transmitter to see if there is signal output. Because the receiver's signal and local output's signal is synchronous output.

2) The picture flashes or becomes noisy

The picture flashes or becomes noise is a sign of weak signal, can press the EQ button of the receiver. It will automatically adjust the signal sensitivity to make the signal best. If there is no signal improvement after adjustment, please set the refresh rate of input resolution from 60HZ to 24HZ. Then to see if there is signal improvement, if signal is normal, it indicates that the LAN cable has quality problem.

The HDMI signal receiving sensitivity of some display devices is not that good, the length of the LAN cable can be reduced to use.

7. Electrical specification

Rated input voltage: DC 5V

Rated input current: external power source 1000mA

8. Product weight and volume

(1) Product dimension

The transmitter: 82mm*45mm*22mm

The receiver: 82mm*45mm*22mm

(2) Product weight:206g±10g

III. Product list

(1) the transmitter *1pc; the receiver *1pc

(2) power adapter *2pcs

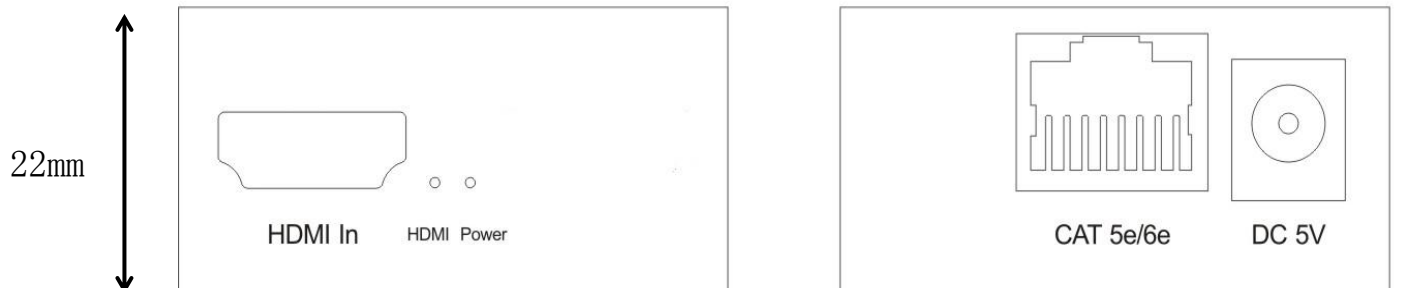
(3) manual *1pc



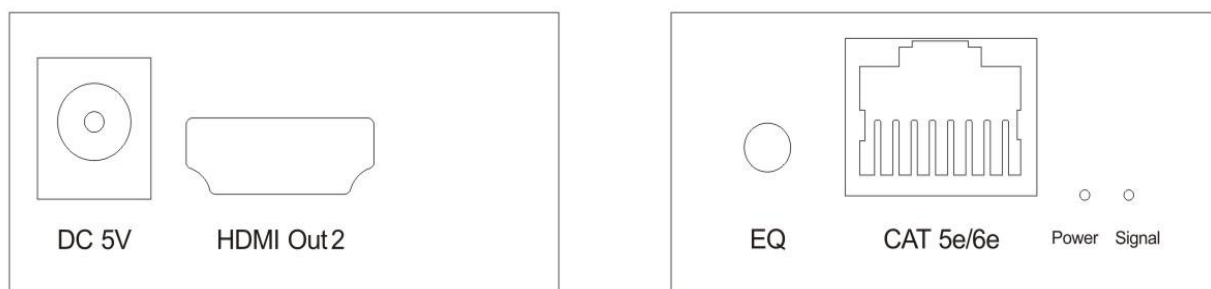
IV. Appearance specification(full metal case)

(Tolerance:±2mm)

7073 CS-1.1



7073 CR-1.1

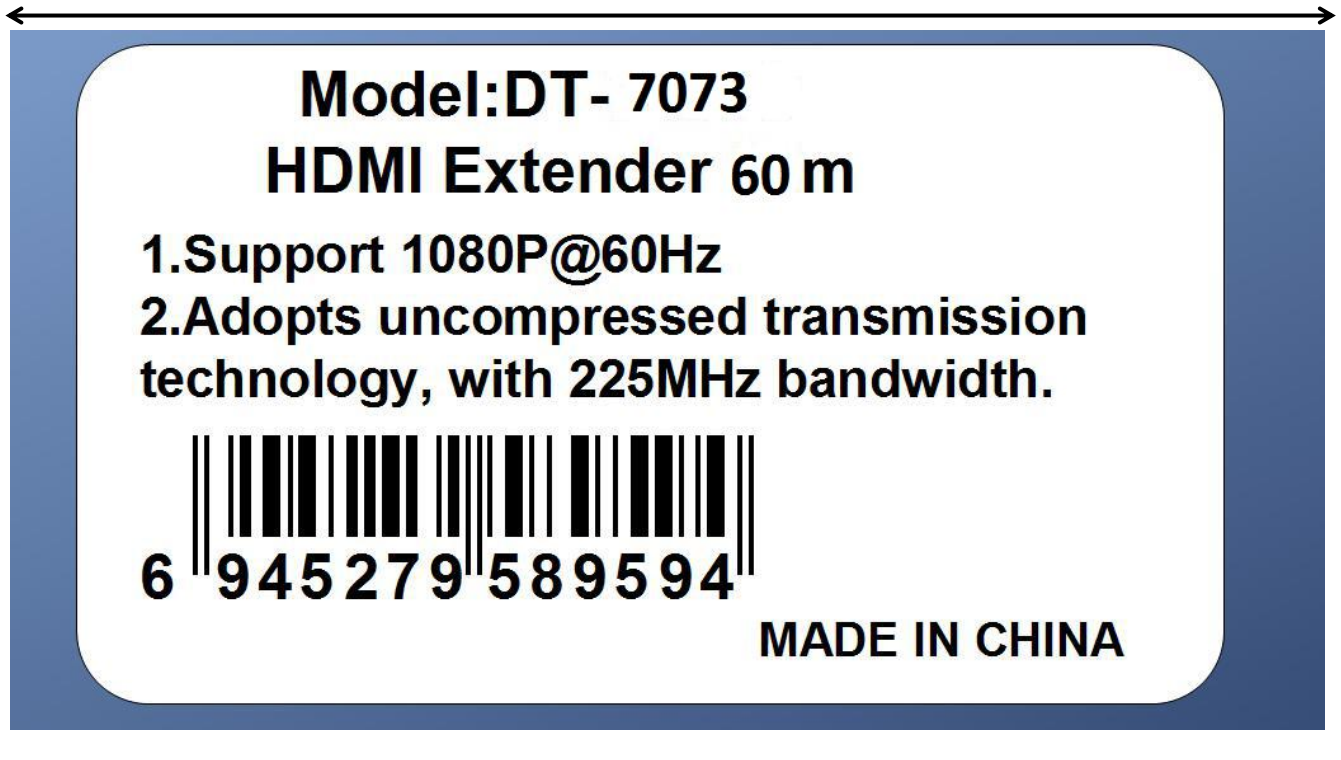


V . Product label

5cm*3cm

5cm

3cm



VI. Product interface instruction

DC 5V: power supply

HDMI out: connect to display device

HDMI in: connect to signal source

Power: is red when power supply connected through

HDMI: is green when signal source connected through

receiver

transmitter



EQ: adjust the signal sensitivity

CAT5e/6e: connect to cat5e/6 cable

DC 5V: power supply

Power: is red when power supply connected through

Signal: is green when LAN cable is connected through

Transmitter

receiver



VII. Product package



Product



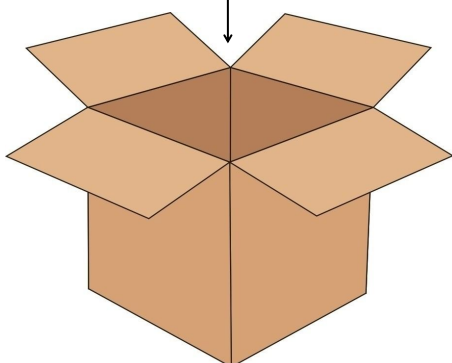
PO bag*2
10*15*3C



Blister inn



Color box
22*15.5*5.5cm



Outer carton
57.5*46*33cm
Quantity: 40pcs/CTN
Gross Weight: 18.6kg