

Product model: DT-7053

Product name: HDMI Single Cat5e/6 Extender 60m

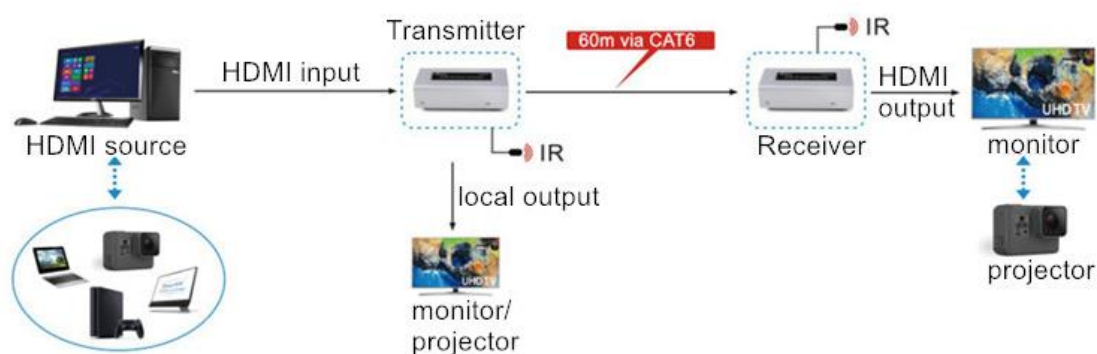
I . Product introduction

This extender supports HDMI resolution 1080P@60hz. The far end image restoration effect is clear and natural with no obvious attenuation after the extension of Cat5e/6e cable, and the transmission distance can be up to 60 meters. The IR return function is added to facilitate the users to control the monitor switch, adjust the volume and switch TV channels. It is widely used in computer teaching system, high quality multimedia display, video conference, computer, LCD plasma display conference, digital home theater, exhibition, education, finance, scientific research, meteorology, etc.

II . Specification

This HDMI single cable extender can transmit signals up to 60m via a single CAT 5e/6e cable, supports 1080P@60hz resolution, increases IR infrared return function, adopts uncompressed transmission video format, the bandwidth is 225MHz.

1. Product diagram



2. Product performance testing report

(1) Performance report

Performance report	Model: DT-7053
	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
19	手机	parameters

(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°C	80°C	working properly
3	aging temp of receiver	60°C	60°C	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
11	IR cable hot plug (transmitter)	20 times	20 times	Prompt response
12	IR cable hot plug (receiver)	20 times	20 times	Prompt response

(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. Product extension distance up to 60m when connect the Cat6e LAN cable. Product extension distance up to 50m when connect the Cat5e LAN cable.

3. Product functions and features

- (1) The transmission distance can be up to 60 meters via Cat5e/6e cable.
- (2) Support hd uncompressed video signal resolution up to 1080P @60hz;
- (3) Support IR remote control;
- (4) With loop out (local output);
- (5) If uses 26AWG HDMI standard cable:
 - the input transmission distance \cong 10 meters,
 - the output transmission distance \cong 5 meters.

4. Electrostatic discharge voltage protection

±8kV

5. Product working temperature

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

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

6.Precautions

(1) Please use this product at the permitted distance. The product can be extended to 50 meters via Cat5/5e cable, and 60 meters via cat6/6e cable.

(2) Connect the transmitter to the power supply, and the power indicator "Power" becomes red; plug in the HDMI cable, and the "HDMI" indicator becomes green; The receiving end is connected to the power supply, and the power indicator light "Power" is red, connected to the LAN cable, and the "Signal" indicator light is green.

(3) The product video supports progressive scan format, please use the resolution of 480P, 576P, 720P and 1080P.

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: 80mm*45mm*22mm

The receiver: 80mm*45mm*22mm

(2) Product weight: 206g±10g

III. Product list

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

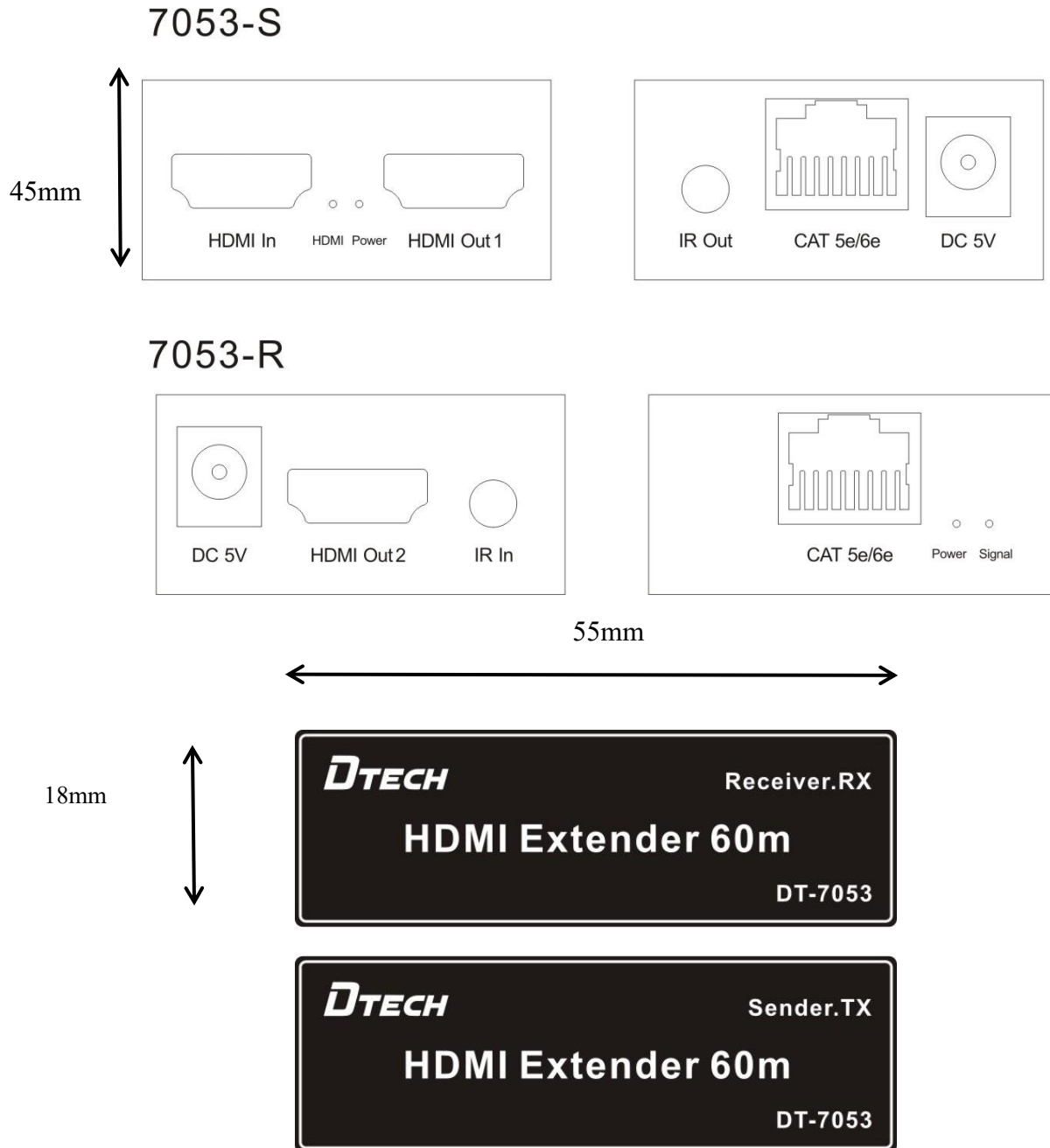
(2) IR*2pcs

(3) power adapter *2pcs

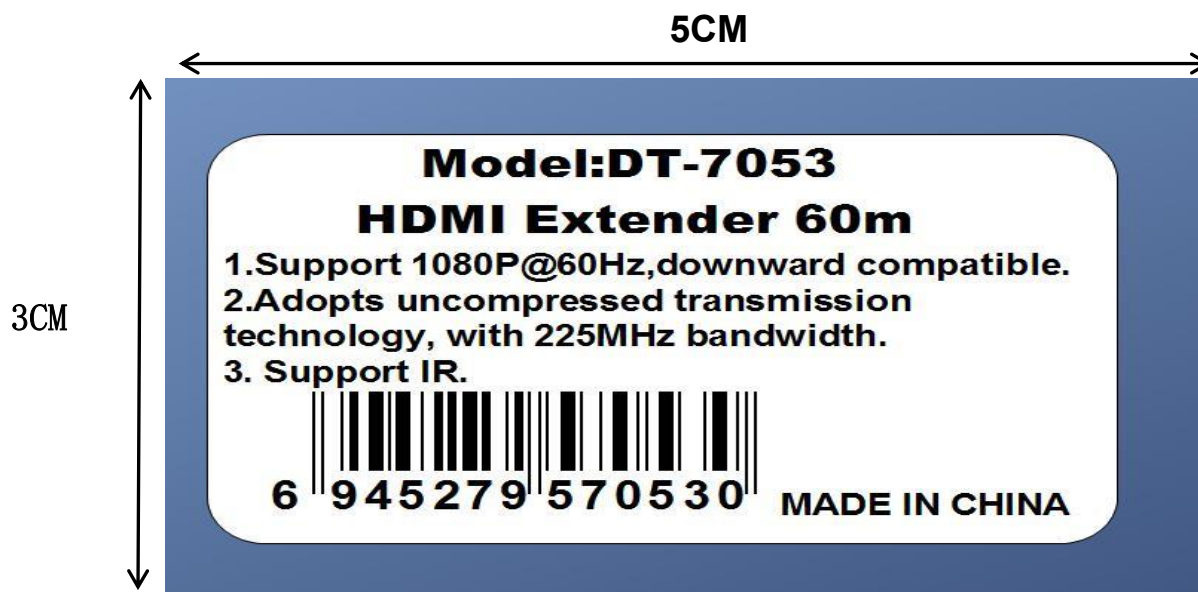
(4) manual *1pc

IV. Appearance specification(full metal case)

(Tolerance:±2mm)



V. Product label



VI. Product package



Product



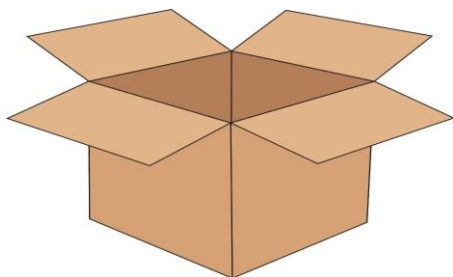
PO bag*2pcs
12*18*3C



Blister Inn



Color box: 22*15.5*5.5cm
G.W.0.44KG



OUTER CARTON BOX
58.5*33.5*25.5cm

Remarks:
Quantity: 40Pairs/CTN
G.W.: 18.6KG