

SPECIFICATION FOR APPROVAL

Product model: DT-7068

Product name: HDMI Wireless Extender 100m

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I . Product introduction

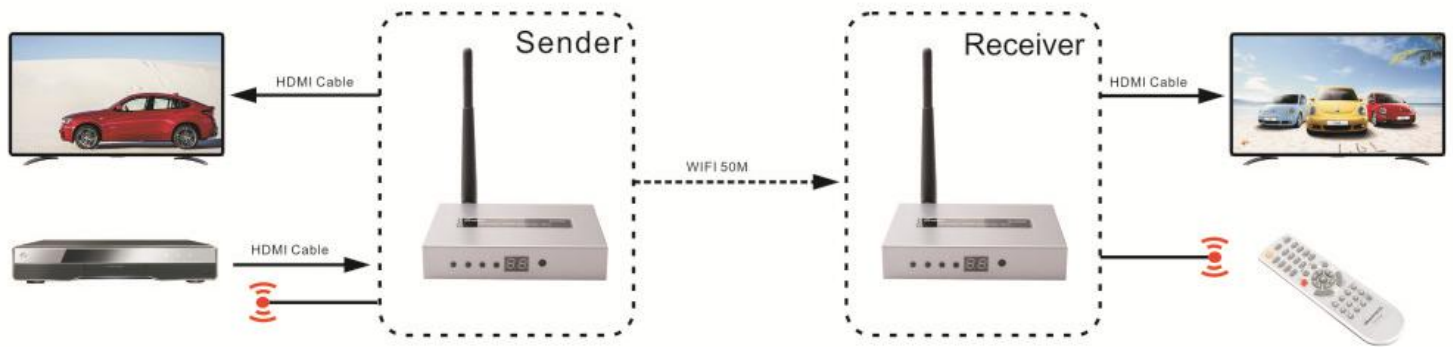
HDMI wireless extender uses standard Ethernet TCP/IP protocol to transmit high-definition audio and video signals through wireless WIFI signals, it supports one-to-many applications, and the included IR function makes remote control easier. The device's superior image processing and transmission capabilities make signal transmission smoother and more stable, making it a cost-effective way to extend HDMI signals. Mainly used in projection industry, training conferences, home wireless video playback and other occasions.

II .Detailed parameters

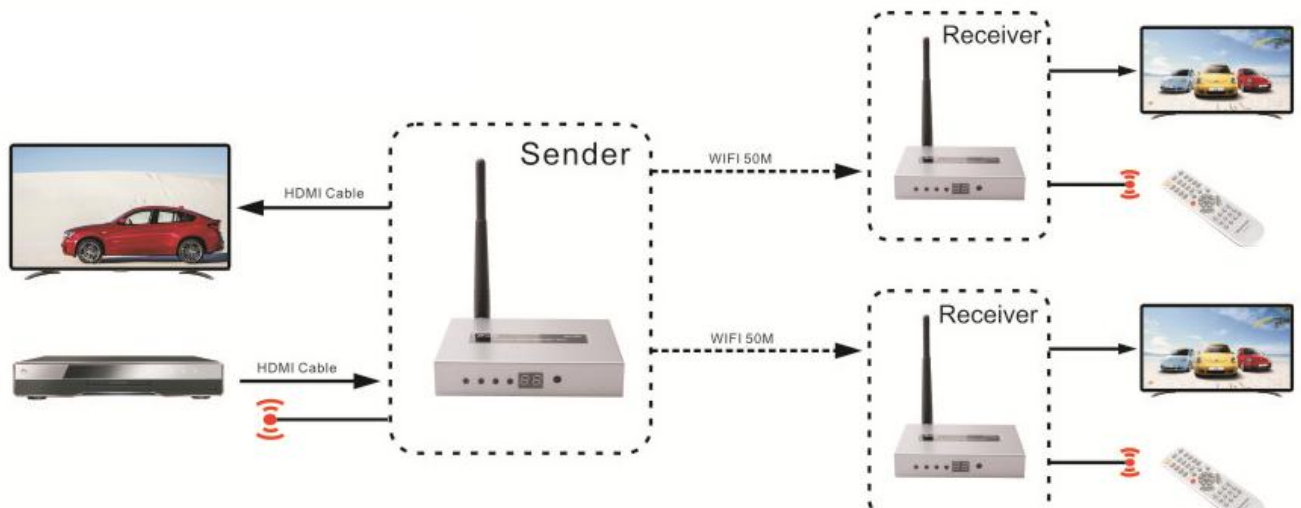
This wireless extender supports HDMI signal 1080P@60Hz resolution, transmits high-definition signals through wireless WIFI signals, supports 2.4G and 5.8G WIFI bands, can use IR infrared for remote control devices, supports one-to-one, one-to-many (but 4 receivers maximum) two transmission methods.

Product connection instructions

(1) One-to-one connection



(2) One-to-many connection



2. Testing report

(1) Product inspection report

(2)

Product performance testing report	Model: DT-7068
	name: HDMI wireless extender 100 meters
	Testing period:120hours

(2)Test requirements for instrument and equipment

S.N.	Equipment and instrument name	parameters
1	Sony Blu-ray player	28AWG 5m 1920*1080P@60Hz
2	Samsung Blu-ray player	28AWG 5m 1920*1080P@60Hz
3	Soyo assembled computer	28AWG 5m 1920*1080P@60Hz

4	Sony 55-inch 4K TV	28AWG 5m 1920*1080P@60Hz
5	Samsung 49-inch 4K TV	28AWG 5m 1920*1080P@60Hz
6	AOC display	28AWG 5m 1920*1080P@60Hz
7	PS4 game console	28AWG 5m 1920*1080P@60Hz
8	Haimeidi Q5	28AWG 5m 1920*1080P@60Hz
9	Apple Mini	28AWG 5m 1920*1080P@60Hz
10	Apple TV	28AWG 5m 1920*1080P@60Hz
11	Philips Blu-ray player	28AWG 5m 1920*1080P@60Hz
12	4K splicing screen	28AWG 5m 1920*1080P@60Hz
13	Mango	28AWG 5m 1920*1080P@60Hz
14	Huawei box	28AWG 5m 1920*1080P@60Hz
15	Glory box	28AWG 5m 1920*1080P@60Hz
16	Jieke Blu-ray	28AWG 5m 1920*1080P@60Hz
17	LeTV 50-inch 4K TV	28AWG 5m 1920*1080P@60Hz
18	Skyworth 50 inch 4K TV	28AWG 5m 1920*1080P@60Hz
19	LG 50 inch 4K TV	28AWG 5m 1920*1080P@60Hz
20	TCL 50 inch 4K TV	28AWG 5m 1920*1080P@60Hz
21	Toshiba 43-inch 4K TV	28AWG 5m 1920*1080P@60Hz
22	Sharp 40 inch 4K TV	28AWG 5m 1920*1080P@60Hz
23	Samsung 40-inch 4K TV	28AWG 5m 1920*1080P@60Hz
24	Panasonic 40-inch 4K TV	28AWG 5m 1920*1080P@60Hz
25	Konka 40 inch 4K TV	28AWG 5m 1920*1080P@60Hz
26	Sharp 40 inch 2K TV	28AWG 5m 1920*1080P@60Hz
27	ASUS 23-inch display	28AWG 5m 1920*1080P@60Hz
28	SL-881	28AWG 5m 1920*1080P@60Hz
29	Dahua DVR	28AWG 5m 1920*1080P@60Hz
30	Hualu Blu-ray machine	28AWG 5m 1920*1080P@60Hz
31	Mi Box	28AWG 5m 1920*1080P@60Hz
32	Hisense 55-inch 4K TV	28AWG 5m 1920*1080P@60Hz
33	Changhong 55-inch 4K TV	28AWG 5m 1920*1080P@60Hz
34	TCL 55" 4K TV	28AWG 5m 1920*1080P@60Hz

35	Samsung 55 inch 4K TV	28AWG 5m 1920*1080P@60Hz
36	Samsung (144HZ) 27-inch display	28AWG 5m 1920*1080P@60Hz
37	Acer projector	28AWG 5m1920*1080P@60Hz
power supply	DC 5V/2A power adapter with CCC certification *2pcs	
infrared	Infrared transmitter cable CH-F03、 Infrared receiver cable CH1138-D13	
Serial test software	Friendly serial port debugging, baud rate 38400, send bytes 32, send time 1000ms / time	
Serial cable	DT-5002A	

(3) the contrast situation between the test content with the standard of the assignment

S.N	Test items	Actual test item	Standard required item	conclusion
1	Aging time	Uninterrupted 72 hours	Uninterrupted 72 hours	Working properly
2	Transmitter and receive aging temperature	80℃	20℃	Working properly
3	Receiver end aging temperature	80℃	20℃	Working properly
4	HDMI Input plug	20 times	20 times	Response time:1S
5	HDMI Output plug	20 times	20 times	Response time:1S (RX)
6	HDMIOutput plug	20 times	20 times	Response time:1S (RX)
7	Transmitter power supply plug	20 times	20 times	Response time:30S
8	Receiver power supply plug	20 times	20 times	Response time:30S
9	Transmitter RS232 plug	20 times	20 times	Response time:1S
10	Receiver RS232 plug	20 times	20 times	Response time:1S
11	Transmitter IR plug	20 times	20 times	Response time:1S
	Receiver IR plug	20 times	20 times	Response time:1S

(4) testing conclusion

The above are all real-time tests. The products work normally and pass the test in the experimental period.

3. Product function parameters

- (1) HDMI signal can be transmitted up to 100m through the wireless WIFI signal;
- (2) HDMI signal resolution supports 1080P@60Hz, backward compatible;
- (3) Compatible with HDMI1.3, HDCP1.2 standard – High bandwidth digital content protection technology;
- (4) Using H.264 format to compress and decompress video, effectively improve the transmission rate, and ensure the smoothness and stability of playback;
- (5) Support IR infrared transmission, control signal source or other equipment remotely;
- (6) Support one-to-one, one-to-multi transmission (maximum 4 receivers)
- (7) Capable of automatically identifying and configuring various display devices;
- (8) Built-in automatic equalization system, the picture is smooth, stable and clear;
- (9) Built-in ESD electrostatic protection circuit to protect the system in all aspects.

4. Electrostatic discharge voltage protection

$\pm 8\text{kV}$

5. Product working temperature

working temperature 40°C-75°C (room temp 25°C)

6. Precautions

- (1) The same WIFI frequency band should be selected for transmitter and

receiver. When using in a wall environment, it is recommended to select the 2.4GWiFi frequency band. When using in an open air environment, it is recommended to select the 5.8GWiFi frequency band.

(2) This product supports one-way transmitter and multi-way receiver, but support 4 receivers maximum.

7. Electrical specifications

Rated input voltage t: DC 5V

Input current: external power supply2000mA

8. Volume weight

(1) Product volume

Transmitter: 125*80.5*25mm

Receiver: 125*80.5*25mm

(2)Product weight: 1000g $\pm$ 10g

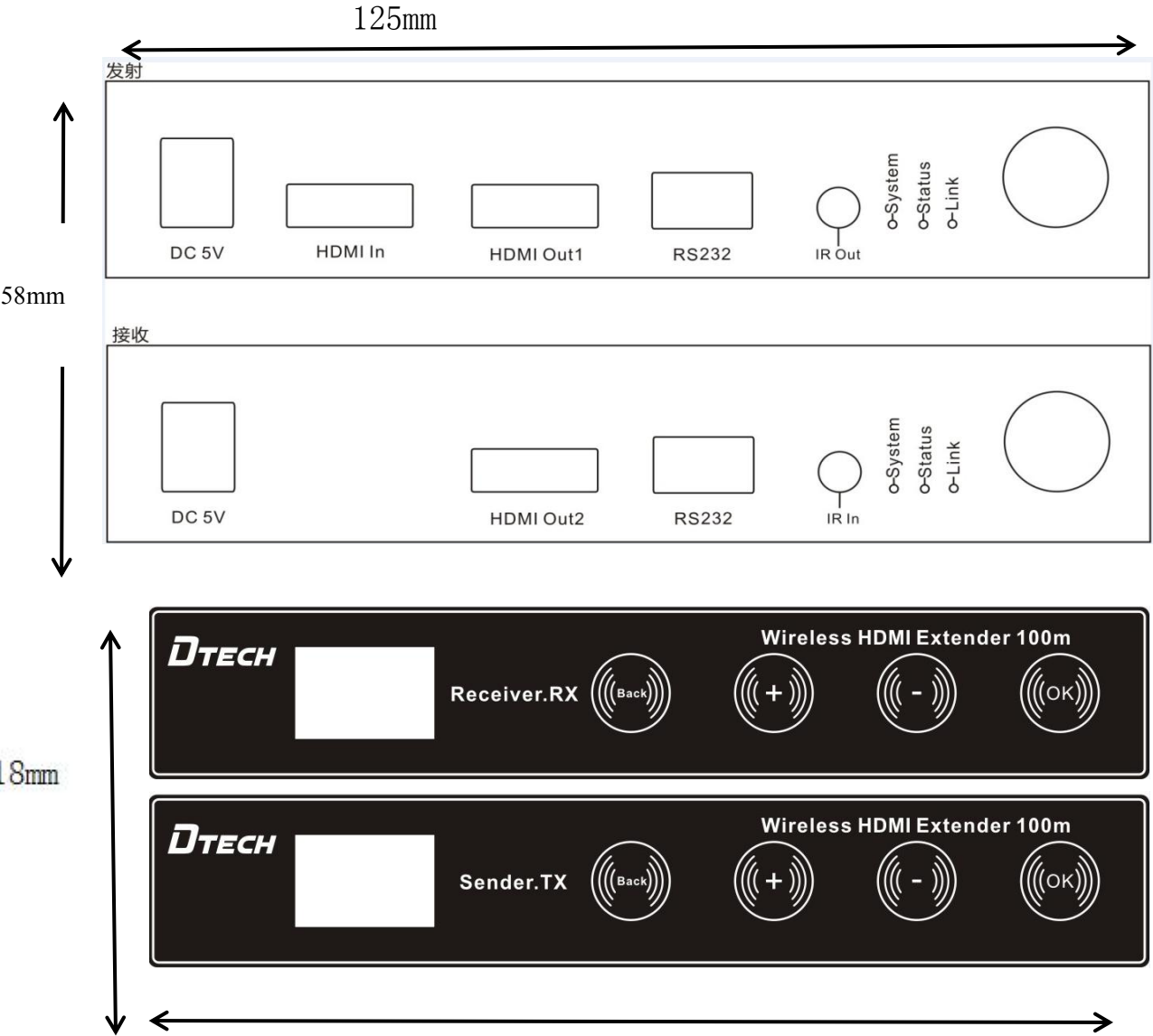
III. Product accessories

1. transmitter*1PC
2. receiver*1PC
3. Infrared transmitter cable *1PC
4. Infrared receiver cable *1PC
5. 5V/2A power adapter *2PCS
6. Remote control*1PC
7. Manual*1PC
8. R232Terminal *1PC



IV. Acrylic sheet specifications

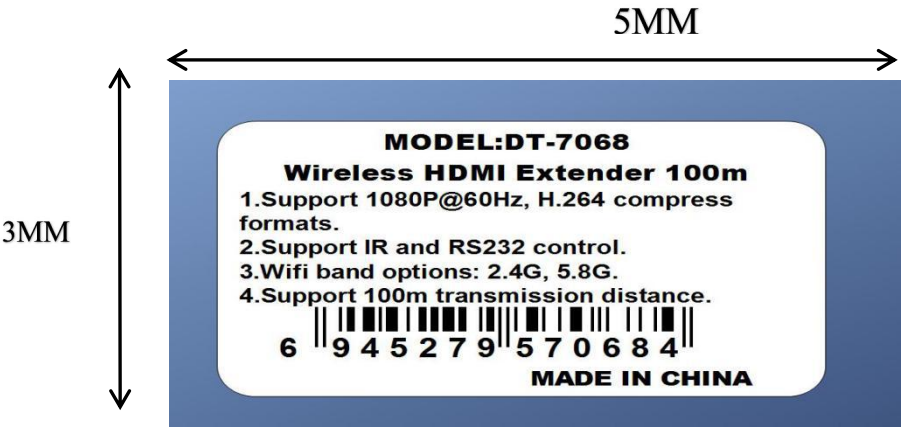
(tolerance tolerance: ± 2mm)



V. Product label

105mm

Black on white 5cm*3cm



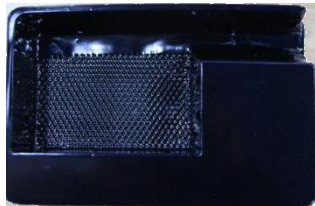
VI. Product package



Product



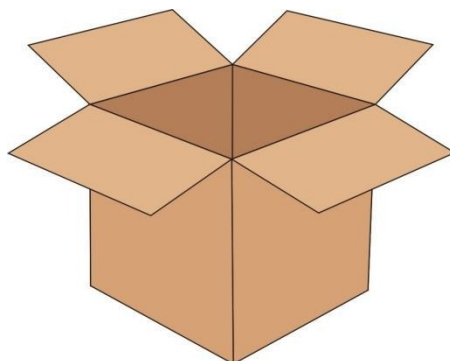
PO bag*2
12*18*3C



Blister inside



Carton
23.3*15.5*5.5cm
Weight: 1KG



Outer carton
58.5*33.5*25.5cm

Remarks:
20 PCS/CTN
G.W.: 20.9KG