

■ Installation

1. Please power off the system before the installation ;
2. Please make sure the cable is not being used by other devices ;
3. Please use the HDMI cable to connect the HDMI output port of DVD/EVD to the HDMI input Port of the TX device ;
4. Please use another HDMI cable to connect the HDMI input port of LCD monitor to the HDMI output port of the RX device ;
5. Please connect the IR receiver to the IR/RX port of the RX device and connect the IR transmitter to the IR/TX port of the TX device ;
6. Please use the Cat5e/6 cable to connect the RJ45 port of the devices transmitter side and receiver side ;
7. Please examine the device to make sure the connection is stable and powering the system ;
8. Please examine the image & IR remote controller to make sure the operation is normal.

■ Specification

Item	Description
Function	Transmission signal category HDMI signal
	Transmission channel 1 channel
	Transmission cable 1pcs Cat5e/6 UTP cable
	Transmission distance 60m(max)
Power	Power supply mode power adapter
	Adaption voltage range 5V DC
HDMI property and connector	Consumption TX:<3W RX:<3W
	Support HDMI version HDMI 1.3
	Support HDCP version HDCP 1.2
	Resolution 1080p/1080i/720p/576p/576i/480p/480i
	The audio sampling rate 32kHz, 44.1kHz and 48kHz
Protection Level	Input/output TMDS signal 0.5~1.5Vp-p (TMDS)
	Input/output DDC signal 5Vp-p (TTL)
	Input cable length ≤5m (AWG26 HDMI1.3)
	output cable length ≤5m (AWG26 HDMI1.3)
Environmental	Protection 2KV Per : IEC61000-4-4
	ESD 1a Contact Discharge Level 3 1b Air Discharge Level 3
	Operation temperature 0 ~ 55°C
Mechanical	Storage temperature -20°C ~ 70°C
	Humidity (non-ccocondensing) 0 ~ 95%
	Dimension 88mmx63mmx25mm
	Shell Aluminum
Stability	Color Black
	N.W. transmitter: 97 g, receiver: 91 g
MTBF >30000hrs	

■ Problem Examination

Please examine the items as the following steps

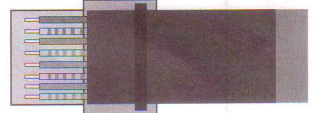
- Please make sure the installation is correct ;
- Please make sure the connection is stable, the HDMI cable support AWG26 HDMI 1.3 standard ;
- Please make sure the RJ45 cable support EIA/TIA568A or 568B Standard ;
- Please make sure the cable length is not over run the max distance. (STP Cat5e/6 cable is suggested) ;
- Please make sure the system is on power ;
- Please replace a functional device to replace the failure one;
- If the problem still exist, please contact the factory;

■ Plug Producing Method

Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

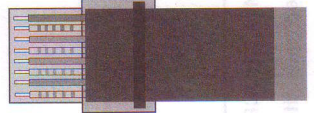
1. Please remove 2cm long the insulating layer, and bar the 4 pairs UTP cable;
2. Separate the 4 pairs UTP cable and straighten them;
3. Line up the 8 pieces of cables per EIA/TIA 568A or 568B.
4. Cut off the cables to leave 1.5cm bare wire;
5. Plug 8 cables into RJ45 plug, make sure each cable is in each pin.
6. Use the wire crimper to crimp it;
7. Repeat above 5 steps to make the another end;
8. Using network tester to test the cable whether is working.

pin color
1 white/green
2 green
3 white/orange
4 blue
5 white/blue
6 orange
7 white/brown
8 brown



EIA/TIA 568A

pin color
1 white/orange
2 orange
3 white/green
4 blue
5 white/blue
6 green
7 white/brown
8 brown



EIA/TIA 568B

Specification Change will not be noticed