

FX-SPH04-100

100m 1x4 HDBaseT HDMI Splitter

Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

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Feature

- Incorporates HDBaseT technology
- Distributes 1 Ultra HD HDMI signal to 4 identical HDBaseT outputs,with 1xloop HDMI output.
- Transmitter Distance up to 100m under 1080p,70m under 4k
- HDCP2.2/1.4 compliant
- Support resolution to 4k@60Hz,YUV4:2:0,VESA resolution up to 1920x1200
- Support Dolby True-HD / DTS Master Audio
- With wide-band Bi-Directional IR control(38-56kHz)(IR extension from sender to Receiver or from Receiver to sender)
- HDBaseT output 1 supports RS232 and Ethernet pass trough
- Support CEC,3D
- Support POC(Receover power by HDBaseT Splitter)
- DC12V Power supply.
- Power consumption:15watts
- Dimension (L×W×H):305x165.2x39.8mm
- Net Weight:1425g .

NOTICE

Our company reserve the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

INTRODUCTION

It is newest 1x4 HDBaseT splitter , supports 3D 4Kx2K. It offers HD video solution for super market, shopping mall; HDTV, STB, DVD and projector factory; data control center; conference rooms; education and training; luxurious house; home theaters etc.

SPECIFICATIONS

Operating Temperature Range	-5 to +35°C (+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Video Bandwidth	10.2Gbps
Support Video Format	Resolutions up to 4k@60Hz,YUV4:2:0 VESA resolution

Connectors	1xHDMI input 1xHDMI loop output 4xRJ45output 2xPower DC receptacle 1xPhoenix RS232 port 2xEnthernet port
Transmission Distance	100m (1080P), 70m(4K)
Power supply	110-240V/DC12V 2A Power supply
Power consumption	15Watts
Dimension (L×W×H)	305x165.2x39.8mm
Net Weight	1425g

Note: Specifications are subject to change without notice. Mass and dimensions are approximate.

① **VESA Resolution**

Refresh rate	VESA Resolution
59.94Hz	640x480
60Hz	640x480
	800x600
	1024x768
	1280x768
	1280x960
	1280x1024
	1680x1050
	1920x1080
	1280x720
	1280x768
	1400x1050
	1920x1200

PACKING CONTENTS

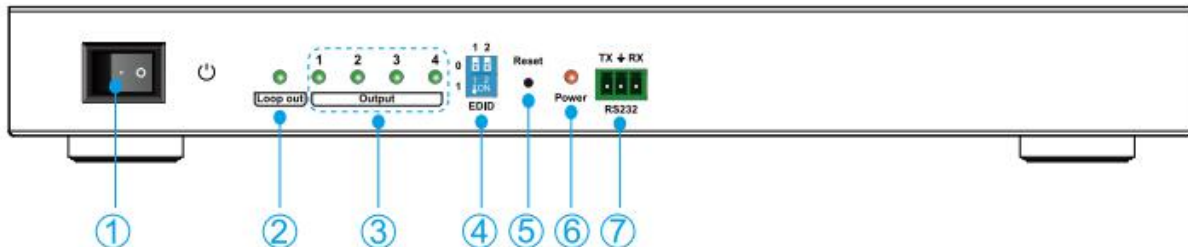
- 1) Main Unit. 1x4 HDBaseT splitter.
- 2) 12V2A DC Power Supply.
- 3) IR-TX cable x 4PCS
- 4) IR-RX cable x4PCS
- 5) 2xdetachable Mounting ear
- 6) M3x5 Screw x4PCS

7) Operating Instructions.

Notes: Please confirm if the product and the accessories and all in duded, if not please contact with the dealers.

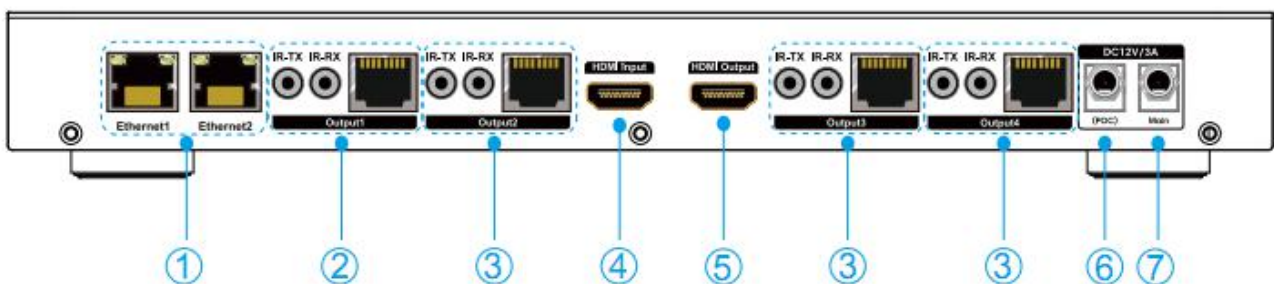
PANEL DESCRIPTION

Front Panel



- 1) Power ON/OFF.
- 2) Indicator of Loop out
- 3) Indicator of out
- 4) DIP switch for EDID setting
- 5) Reset button
- 6) Indicator of Power
- 7) RS232 port

Rear Panel



- 1) Ethernet port
- 2) Output1 port(Ethernet,RS232 pass-thought)
- 3) Output2,3&4 port
- 4) HDMI input port
- 5) HDMI output port
- 6) POC port
- 7) Main power

Note:

① **EDID**

00	1080p@60Hz/2CH
01	4k@60Hz,YCBCR420/3D/DOIBY5.1
10	1080P@60Hz、3D、DOLBY5.1
11	4k@30Hz/2CH

Please restart the splitter when change EDID mode!

CONNECT AND OPERATE

- 1) Connect the HDMI input source into HDBaseT splitter.
- 2) Connect HDBaseT splitter and Receiver over Cat6 cable,The Cat6 cable must follow EIA-TIA 568b standards
- 3) Connect the HDMI output of Receiver to the HDMI Display
- 4) Connect 4pcs IR TX cables to IR-TX sockets on the splitter and connect 4pcs IR RX cables to the IR-RX sockets on the splitter.
- 5) Connect IR-RX cable to IR-In port of Receiver,connect IR TX cable in to IR-Out port of Receiver
- 6) Power up all units, the splitter,receiver,source and displays
- 7) To get on the ethernet,pls connect as below steps:
 - ① Connect ethernet cable into ethernet port on HDBaseT splitter
 - ② Connect ethernet cable with TV and ethernet extender receiver.

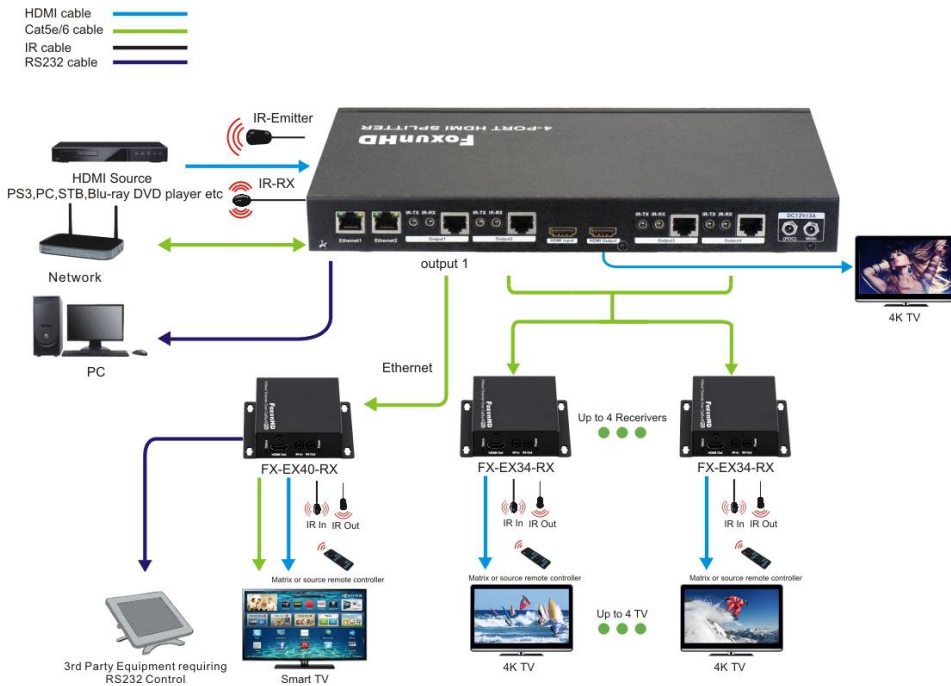
Note: A.The ethernet function is designed for ethernet compatible receiver units only.

B.Only output1 with ethernet function

- 8) Copy EDID function

Copy the EDID of the sink which connected the loop HDMI.

Typical Application



Attention: 1) Insert/Extract cable gently.

2) Please don't insert into or pull out HDMI Cable when power on. please connect Cable only when power is off.

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

PRODUCT SERVICE

1) **Damage requiring service:** The unit should be serviced by qualified service personnel if:

- (a)The DC power supply cord or AC adaptor has been damaged;
- (b)Objects or liquids have gotten into the unit;
- (c)The unit has been exposed to rain;
- (d)The unit does not operate normally or exhibits a marked change in performance;
- (e)The unit has been dropped or the cabinet damaged.

2) **Servicing Personnel:** Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.

3) **Replacement parts:** When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

4) **Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit

is in proper working condition.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will , for the length of the period indicated as below,

(Parts(2)Year ,Labor(90) Days) which starts with the date of original purchase ("Limited Warranty period"), at its option either(a) repair your product with new or refurbished parts, or (b) replace it with a new of a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor,or failures which result from accidents,misuse,abuse,neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE".THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.