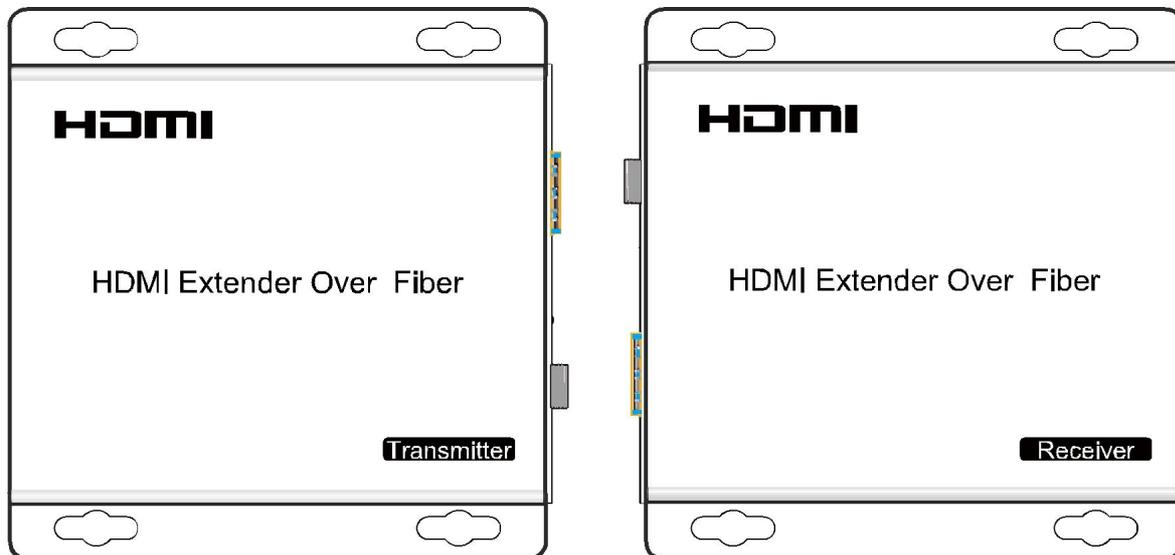


60KM Ultra HD 4K HDMI Extender Over Fiber

Operating Instructions



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.

FEATURES

- Transmit from 1m to 60KM.
- Support resolution upto Ultra HD 4kx2k @60hz, YUV4:2:0.
- Support bandwidth upto 10.2Gbps.
- Support Single /Multi mode, Single /Duplex fiber (Optional).
- Support HDCP2.2 input, HDCP 1.4 output.
- Support HDCP1.4 input, HDCP1.4 output.
- With Automatic EDID for rapid integration of source and display.
- Support LPCM 7.1, Dolby® True HD, DTS-HD Master Audio™.
- Locking power supplies.
- Surface-mountable.

NOTICE

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

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SPECIFICATIONS

Operating Temperature Range	-5 to +35°C(+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Video Input(Transmitter)	1xHDMI Type A, 19-pin, female
Video Output(Receiver)	1xHDMI Type A, 19-pin, female
Link(Transmitter/ Receiver)	1m~60Km single / Multimode single / Duplex fiber optical cable
Module type required	SFP Type, Single / Multi mode ,Single / Duplex fiber (optional)
Video Format	4Kx2K@60Hz, 1080P @60Hz, 1080i, 720P, 576P, 480P
Audio Format	Support LPCM 7.1, Dolby [®] True HD, DTS-HD Master Audio
HDCP Input	HDCP 2.2, HDCP 1.4
HDCP Output	HDCP 1.4
Power consumption	Transmitter: 3watts(Maximum) Receive: 3watts(Maximum)
Dimension (L×W×H)	Transmitter: 96*100*25mm Receive: 96*100*25mm
Net Weight	475g (Pair)

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

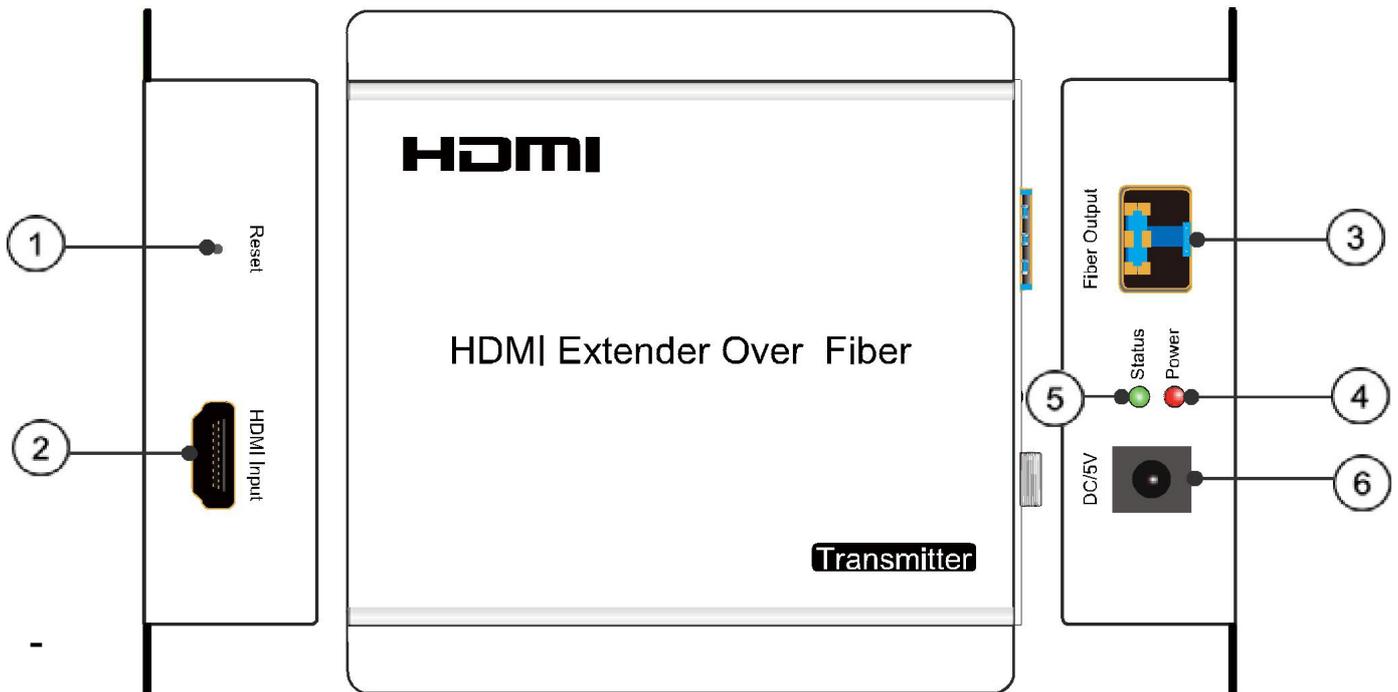
*** 4Kx2K requires 10G module.**

PACKING CONTENTS

- 1). Main Unit. HDMI Extender Over Fiber
- 2). DC5V 2A Power Supply X2
- 3). Operating Instructions

PANEL DESCRIPTIONS

Transmitter Panel



- | | |
|-----------------------|-------------------------|
| ① EDID Reset Button | ② HDMI input |
| ③ Fiber output | ④ Power input indicator |
| ⑤ Indicator of status | ⑥ Power input |

EDID Introduction

1. Automatic EDID

The Automatic EDID function allows automatic copying the EDID from HDMI Display to HDMI source.

If the HDMI Display can't work normally, we suggest you copy the EDID from HDMI display.

Please refer to bellowing operation:

Step1: Connect duplex fiber optical cable or Bi-directional single fiber between Transmitter and Receiver.

Step2: The sender will get the EDID of the HDMI Display.

Step3: After power off, when connecting the HDMI extender with single fiber, the EDID will be saved as the last time copied.

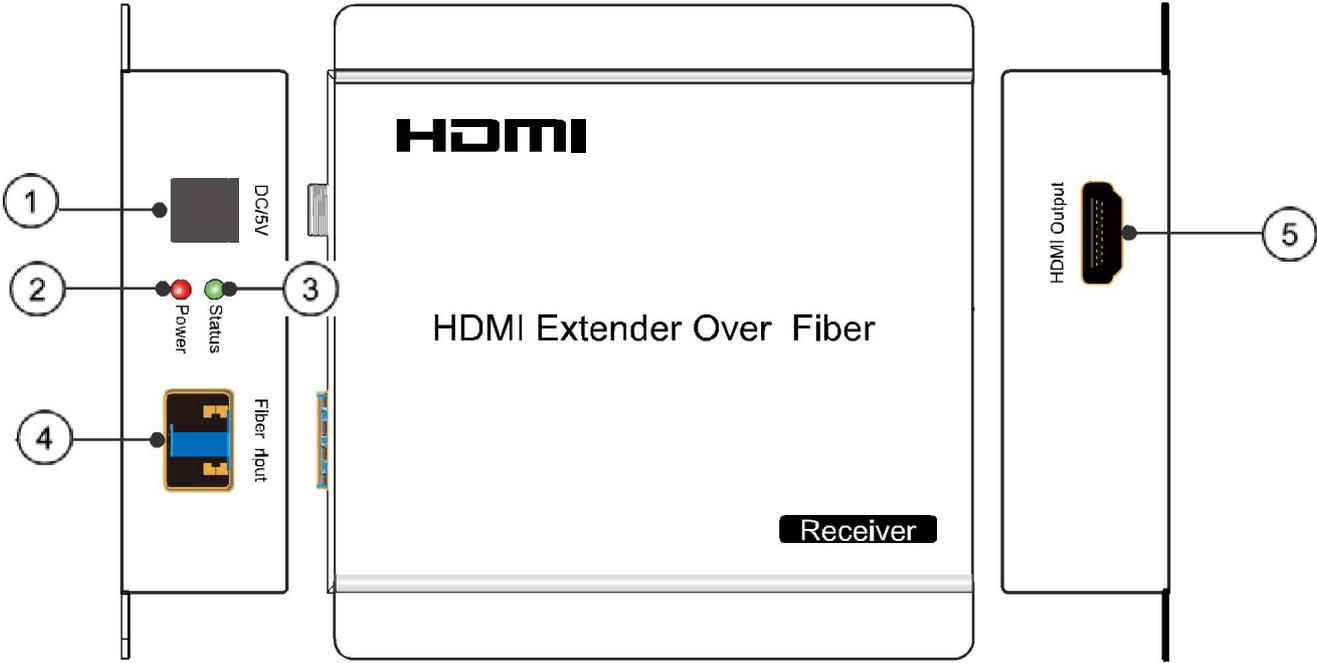
2. EDID Reset

Step1: Press EDID Reset button for 3 seconds, using the end of a paper clip or other pointed object.

Step2: The indicator of power and status will go out and turn bright again, you have successfully reset the EDID to default status.

The default EDID is 4kx2k@30hz, LPCM Audio.

Receiver Panel



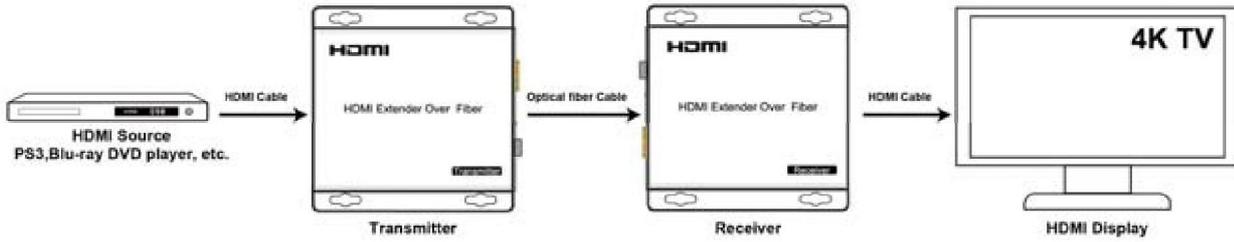
- ① Power input
- ② Power input indicator
- ③ Indicator of status
- ④ Fiber input
- ⑤ HDMI output

Connecting and Operating

1. Assemble modules with single /multi mode, single /duplex fiber to the HDMI Extender.
2. Connect the HDMI input source to input port of the HDMI Transmitter.
3. Connect the duplex fiber optic or Bi-directional single fiber cable to HDMI transmitter and receiver to read the EDID from HDMI Display (Optional).
4. Connect LC-LC single /multi mode single /duplex fiber optic cable between the Fiber port of transmitter and Fiber port of receiver.
5. Connect HDMI display to the HDMI Receiver.
6. Connect the included 5V DC power supplies to the locking power receptacle.
7. Power up the HDMI Extender, sources and displays.

Attention: Insert/Extract cable gently ① 4Kx2K requires 10G module.

Typical Application



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 originals.

4) **Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

