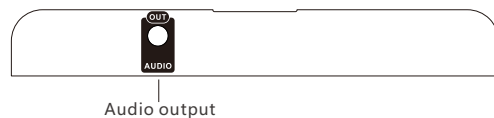
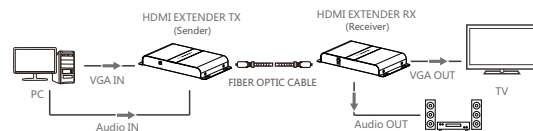


#### 5.4 Front Panel of RX



## 6. Connection and operation



## 7. FAQ

Q: TV display “waiting for connection” on the bottom right corner?

A: Please check if the power supply of TX (sender) and the fiber optic cables are well connected.

Q: TV display “HDbiT Reminder: Please check the TX input signal” ?

A: 1) please check if there is an VGA signal input of sender TX.

2) Try to connect the source device directly with display device to see if there is signal output from source device or change the source device and VGA cables to retest.

Q: Display not fluent and stable?

1) Press “reset” button on the TX/RX panel or reconnect power.

## 8. Specification

Items	Discription
Transmit protocol	HDbiT
VGA signal format	RGBHV
VGA resistance	75Ω
Support resolution	1920x1080@60Hz ; 1680x1050@60Hz ; 1440x900@60Hz ; 1360x768@60Hz ; 1280x1024@60Hz ; 1280x960@60Hz ; 1280x720@60Hz ; 1024x768@60Hz ; 800x600@60Hz
Transmit distance	Extend resolution 1080p up to 20Km over single mode optical fiber cables
Audio	3.5mm audio jack
Working temperature	0°C ~ 60°C
Power supply	DC5V/2A *2pcs
Power consumption	TX≤10W RX≤10W
Enclosure material	Aluminum alloy
Product dimension	177.5x99x23mm *2pcs
Product net weight	TX:405g RX: 405g
Color	Black

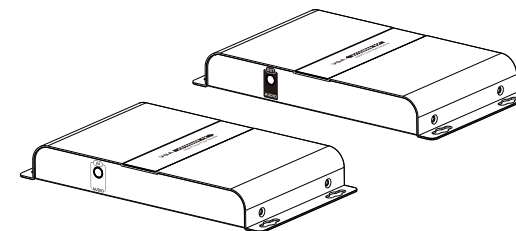
## Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.

We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

# VGA HDbiT Fiber Optics Extender

## User Manual



Thank you for purchasing this product. For optimum performance and safety, please read the instructions carefully and keep the manual for future reference.

### • Important safety notice

Please read below safety instructions carefully before installation and operation:

- \* Please pay attention to all the warnings and hints on this device.
- \* Do not expose this unit to rain, moisture and liquid.
- \* Do not put any stuff into the device.
- \* Do not repair or open this device without professional people's guidance.
- \* Make sure good ventilation openings to avoid product overheating damage.
- \* Shut off power and make sure environment is safe before installation.
- \* Do not plug-in/out the network cables and IR cables when it is in using to avoid cables damage.
- \* Use DC5V only. Make sure the specification matched if using 3<sup>rd</sup> party DC adapters.

## 1. Introduction

This VGA over fiber optic incorporates HDbiT transport technology, allowing you to extend 20Km distance between the source device to display end and supporting audio function. It can be widely applied in video conference, medical system, shopping mall, multimedia presentation etc field.

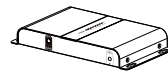
## 2. Features

- 1 ) Transmission over single mode optical fiber cables, plug and play
- 2 ) Extend resolution 1080p@60Hz up to 20Km
- 3 ) Support 3.5mm audio jack
- 4 ) Avoid the electromagnetic interference in environment for long distance transmission
- 5 ) Low signal loss, wide frequency band and strong anti-interference
- 6 ) Aluminium heat sink shell
- 7 ) Wall-mountable design, easy installation
- 8 ) Support RGBHV input

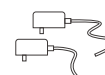
## 3. Package contents



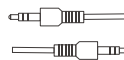
VGA extender TX\*1pcs



VGA extender RX\*1pcs



DC5V2A\*2pcs



3.5mm audio cable



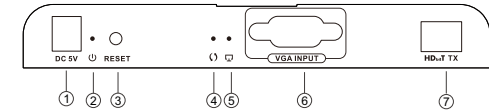
User manual\*1pcs

## 4. Installation Requirements

- 1.VGA source device(computer graphics card, DVD,PS3, HD monitoring equipment etc)
- 2.VGA display device like SDTV, HDTV, and projector with VGA port.
- 3.Cables(VGA cables and single mode optical fiber cables)

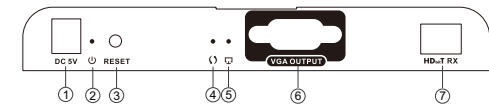
## 5. Panel description

### 5.1 VGA Extender TX transmission



- ① Power input (DC5V)    ② Power status indicator    ③ Reset button  
④ Data transmission indicator    ⑤ Network connection indicator  
⑥ VGA signal input    ⑦ Fiber optic signal send port

### 5.2 VGA Extender RX receiver



- ① Power input (DC5V)    ② Power status indicator    ③ Reset button  
④ Data transmission indicator    ⑤ Network connection indicator  
⑥ VGA signal output    ⑦ Fiber optic signal receive port

### 5.3 Front Panel of TX

