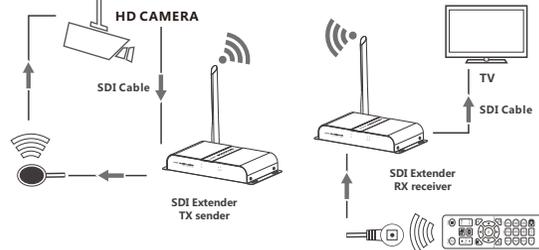


• **Connection**



Connection instruction:

- 1). Connect SDI input with SDI source device and connect IR blaster extension cable with IR OUT interface of the sender (TX).
- 2). Connect SDI output with SDI display device and connect IR receiver extension cable with IR IN interface.
- 3). Power on the device (power led lights) and it works.

Note:

- 1) When the wireless signal transmits through wall, glass or other obstacles, it will cause signal loss. Suggest installing this device in good environment with few obstacles.
- 2) The external environment wireless signal interfere the transmission, such as micro waver, wireless mouse and keyboard etc.

• **FAQ**

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

A: Please check if the power supply of TX (sender) and RX(receiver) is well connected and the power indicator led lights on.

Q: TV display "Please check the TX input signal" ?

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

- 2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, SDI cables and try again.

Q: Display not fluent and stable?

A: 1) Please move the position of sender (TX) and receiver (RX) and make sure the device is within the required scope of the signal.

2) Press "reset" button on the RX/RX panel, reset and reconnect.

3) Remove other wireless signal disturbance and reduce the obstacles on the way.

• **Specification**

Items	Specification
SDI signal	SD-SDI,HD-SDI,3G-SDI
Transport protocol	HDbitT
Support resolution	SD-SDI : 480i@60Hz , 576i@50Hz HD-SDI : 720p@50/60Hz , 1080i@50/60Hz,1080p@24/25/30Hz 3G-SDI : 1080p@50/60Hz
IR remote control	Support 20~60kHz wide frequency IR remote device
Transmit distance	200m
Working temperature	0°C ~60°C
Power supply	DC5V/3A *2PCS
Power consumption	TX: 13W; RX: 11W
Enclosure material	Metal
Product dimension	195.5(W) x 138.5(D) x 32(H)mm *2PCS
Weight	TX: 575g RX:575g
Color	Black

Disclaimer

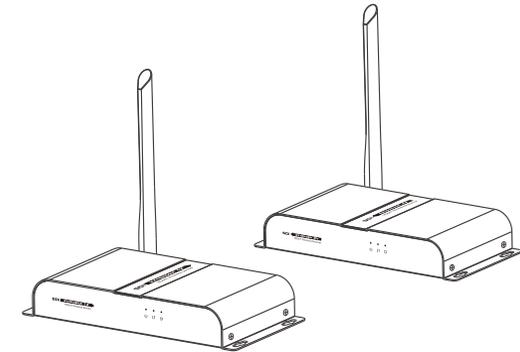
The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference,and there may be some slight difference with the real products.

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

Wireless SDI Video Transport

User Manual

1B-SDI-W-TX/RX



• Important safety notice

Please read below safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not put any stuff into the device.
4. Do not repair the device or open the enclosure without professional person guidance to avoid electronic shock.
5. Make sure good ventilation openings to avoid product overheating damage.
6. Shut off power and make sure environment is safe before installation.
7. Do not plug-in/out the network cables and IR cables when it is in using to avoid cables damage.
8. Use DC5V only. Make sure the specification matched if using 3rd party DC adapters.

• Introduction

This transmitter extends SDI signal wirelessly from source device to display device up to 200meters with the advanced application of HDbitT transport protocol and wireless technology. It requires no cables between sender (TX) and receiver (RX) which makes the installation easy and clean.

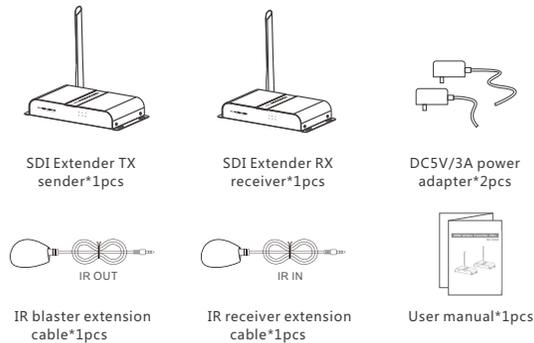
Note:

- 1) Transmission distance will be different due to the environment.
- 2) Wall, brick or glass will shorten the signal covered range or cause big signal loss.

• Features

- 1) Transmit SDI signal from source device to display device up to 200 meters wirelessly.
- 2) Support IR remote control function to control source device content from long distance.
- 3) No cable between sender(TX) and receiver(RX)
- 4) Easy and clean installation
- 5) Supports SD-SDI, HD-SDI and 3G-SDI signal input

• Package contents

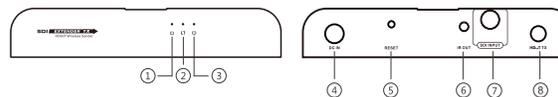


• Installation Requirement

1. SDI source device like video camera, video recorder etc
2. SDI display device like SDTV, HDTV, and projector with SDI port.

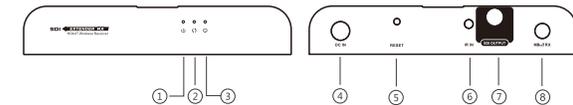
• Panel description

1. SDI Extender TX sender



① Power led	It lights when power is on
② Data transmission led	Led blinks slowly when it is building connection. Led blinks fast when it is successfully connected and transmitting data
③ Connection led	It lights when wireless signal is well connected
④ Power input	Connect with DC5V/3A power adapter
⑤ Reset	Press reset button to restart the device
⑥ IR blaster extension cable interface	Connect with IR blaster extension cable. Please put the IR blaster close to source device to well transmit the IR signal from receiver
⑦ SDI input	Connect with SDI source device
⑧ Antenna	Launch wireless signal

2. SDI Extender RX receiver



① Power led	It lights when power is on
② Data transmission led	Led blinks slowly when it is building connection. Led blinks fast when it is successfully connected and transmitting data
③ Connection led	It lights when wireless signal is well connected
④ Power input	Connect with DC5V/3A power adapter
⑤ Reset	Press reset button to restart the device
⑥ IR receiver extension cable interface	Connect with IR receiver extension cable. Please make sure the remote control is within the required range of IR receiver
⑦ SDI output	Connect with SDI display device
⑧ Antenna	Receive wireless signal

Read before operating equipment.

1. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
2. **Power Sources** - Use supplied or equivalent UL/CSA approved low voltage DC plug-in transformer.
3. **Outdoor Antenna Grounding** - If you connect an outside antenna or cable system to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
4. **Lightning** - Avoid installation or reconfiguration of wiring during lightning activity.
5. **Power Lines** - Do not locate an outside antenna system near overhead power lines or other electric light or power circuits or where it can fall into such power lines or circuits. When installing an outside antenna system, refrain from touching such power lines or circuits, as contact with them might be fatal.
6. **Overloading** - Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
7. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts, resulting in a fire or electric shock. Never spill liquid of any kind on the product.
8. **Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
9. **Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - When the power supply cord or plug is damaged.
 - If liquid spills or objects fall into the product.
 - If the product is exposed to rain or water.
 - If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. An improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - If the video product is dropped or the cabinet is damaged.
 - When the video product exhibits a distinct change in performance, this indicates a need for service.