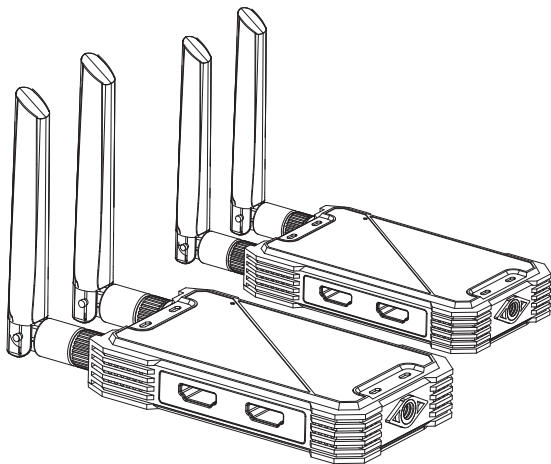


WIRELESS HDMI

TRANSMITTER AND RECEIVER

WL081S



User Manual

FOREWORD

Thank you for purchasing this product.

For optimum operation, please read this manual carefully before use.

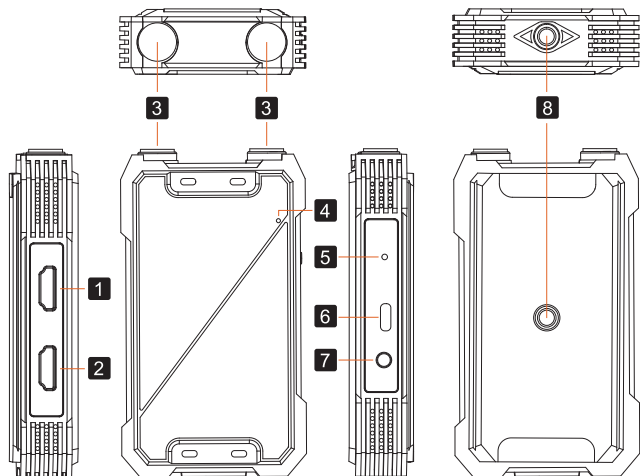
Tips: TX for transmitter, RX for Receiver.

The kits were auto paired before factory. (Except extra add RX need to pair).

FEATURES

- ◆ Using H.265 encoding technology to provide high-definition image quality beyond the same grade 1080P devices.
- ◆ Supports output maximum resolution of 1080P@60Hz.
- ◆ Ultra-long transmission distance up to 1312FT/400 meters.
- ◆ Low latency 0.05 seconds.
- ◆ Supports full range infrared remote control.
- ◆ Receiver supports HDMI dual output.
- ◆ Compact design with low power consumption for long-term operation.

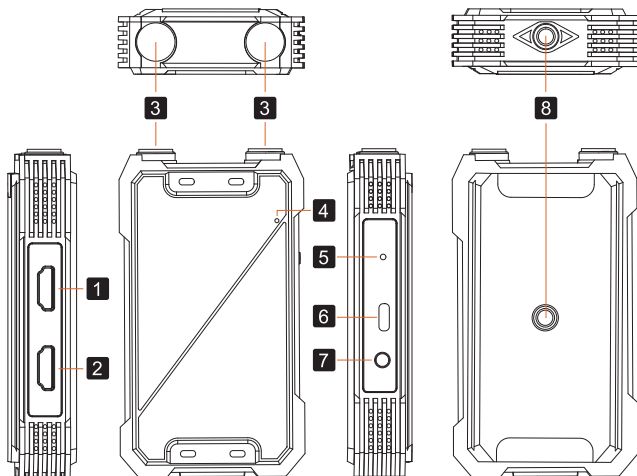
INTERFACE



A Transmitter(TX)

- | | |
|-------------------|------------------------|
| 1 HDMI IN | 5 RESET Key |
| 2 LOOP OUT | 6 DC IN |
| 3 Antenna | 7 IR(TX) |
| 4 Link LED | 8 Mounting Hole |
-

INTERFACE

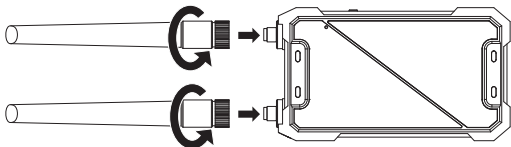


B Receiver(RX)

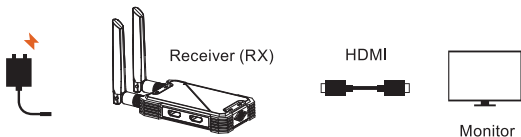
- | | |
|--------------------|------------------------|
| 1 HDMI OUT1 | 5 RESET Key |
| 2 HDMI OUT2 | 6 DC IN |
| 3 Antenna | 7 IR(RX) |
| 4 Link LED | 8 Mounting Hole |

HOW TO CONNECT

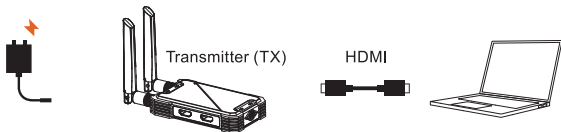
- ① Install the antennas to TX and RX.



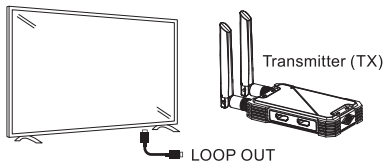
- ② Power up RX by USB cable, then connect it to the monitor with HDMI cable.



- ③ Power up TX by USB cable, then connect it to the signal source with HDMI cable.
It will cast the screen after a few seconds.



- ④ Loop out: Connect TX to the monitor via HDMI cable to loop out.

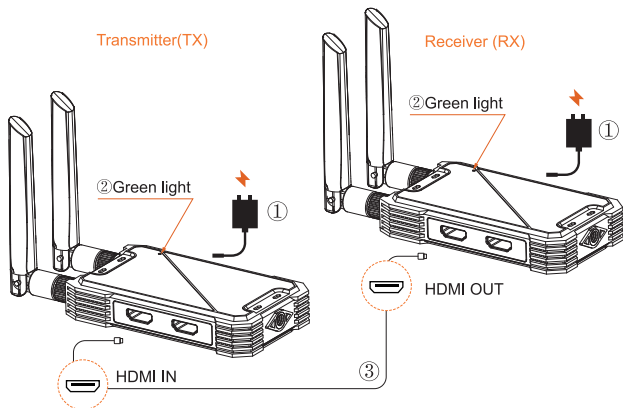


HOW TO PAIR



Attention!

If you find that TX/RX disconnecting properly, or if you need to add extra receiver (RX), please pair them before using them!



1. Power the TX and RX
2. Observe that the green link light will on.
3. Connect the HDMI IN port on TX and HDMI OUT 1 port on RX with an HDMI cable.
4. After pairing successfully, both the green light on TX and RX will flash. Otherwise, the pairing fails.

NOTE:

1. If pairing fails, please reset the transmitter and receiver and re-powered them, then re-plug in the HDMI cable and try the pairing steps again.
2. After completing the pairing, please disconnect the power source of them and reconnect for normal use.

PRODUCT PARAMETERS

Transmission Distance Max:	1312FT (1TX to 1RX, Barrier-free and Interference-free)
Frequency	5GHz
Video Decoding	H.265
Latency	≤0.05s
TX HDMI IN	1920x1080P@60Hz backward
TX LOOP OUT	1920x1080P@60Hz backward
RX HDMI OUT1	1920x1080P@60Hz
RX HDMI OUT2	1920x1080P@60Hz
Standard	HDMI1.3 / HDCP 1.4
Code Rate	20Mbps
Support Modes	1TX to 1RX / 1TX to 2RX 1TX to 3RX / 1TX to 4RX / 1TX to 5RX
Infrared Frequency Range	30KHz~60KHz
Package(TX/RX)	Transmitter*1 / Receiver*1 Antenna*4 / Power cable*2 Power Adapter*2 / IR(TX/RX)*2
Package(RX)	Receiver*1 / Antenna*2 / Power cable*1 Power Adapter*1 / IR(RX)*1

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.