



# UHD-IPC230-WPE

4K HDMI over Ethernet up to 165 feet With Wall Plate transmitter, Power over ethernet & IR Functionality

The **UHD-IPC230-WPE** is an HDMI extender with a wall-plate transmitter designed for wall embedding. HDMI 2.0 and HDCP 2.2 compliant, it supports up to 4K@60Hz 4:4:4 video resolutions. It transmits HDMI signals up to 165 feet with CAT 6/7 cables, ( maximum 230 feet with shielded CAT cables). The receiver supports audio extraction via the L/R port. Features include EDID management, auto-downscaling, and uni-directional IR functionality for source control from the receiver. Perfect for commercial and personal setups.

**PACKAGE CONTENTS:** 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 2x Mounting Ears, 6x Screws, 2x Screws TM3#\*14, 1x US Standard 4x2 Inch Concealed box, User Manual

### DIMENSIONS & WEIGHT:

#### Transmitter:

**Length:** 70mm/2.76in **Width:** 114mm/4.49in  
**Height:** 51mm/2.01in **Weight:** 270g/9.52oz

#### Receiver:

**Length:** 85.5mm/3.37in **Width:** 75.5mm/2.97in  
**Height:** 16.5mm/0.65in **Weight:** 140g/4.94oz

### KEY FEATURES:

- HDMI 2.0 & HDCP 2.2 compliant
- 18Gbps video bandwidth
- HDMI signal transmission up to 165 feet using a CAT 6/7 cable
- Maximum distance can reach up to 230 feet by using a shielded CAT 6/7 cable
- HDR10 pass-through for enhanced color quality
- Audio extraction through the L/R port on the receiver
- With Uni-directional IR functionality to control the source from the receiver's location
- Uni-directional power over ethernet, i.e. no power adapter required for the receiver
- Robust design, perfect for commercial and personal setups

## SPECIFICATIONS

### CONNECTIVITY:

#### Transmitter:

**INPUT:** 1 × HDMI [Type A, 19-pin female]  
**OUTPUT:** 1 × CAT [RJ45, 8-pin female]  
**CONTROL:** 1 × I/R OUT [3.5mm Stereo Mini-jack]

#### Receiver:

**INPUT:** 1 × CAT [RJ45, 8-pin female]  
**OUTPUT:** 1 × HDMI [Type A, 19-pin female]  
1 × L/R [3.5mm Stereo Mini-jack]  
**CONTROL:** 1 × I/R IN [3.5mm Stereo Mini-jack]

### COMPLIANCES:

HDMI Compliance : HDMI 2.0  
HDCP Compliance : HDCP 2.2

### SUPPORTED CAT CABLES:

CAT5e, CAT6, CAT7 : We recommend you to use shielded CAT6 cables & High-Quality HDMI Cables for optimum performance

### EXTENDING DISTANCE:

4K@60Hz : 165 Feet (230ft With Shielded CAT cable)

### RJ-45 CONNECTOR TYPE

Standard RJ-45 8-pin Female

### VIDEO OUTPUT:

Video Bandwidth : 18Gbps  
Video Resolutions : Up to 4K@60Hz

### ADDITIONAL FEATURES

CEC Function : No  
ARC Function : No  
USB KVM Function : No  
PoC/PoE Function : Yes  
IR Control : Yes  
Downmix Function : No  
Downscale Function : Yes  
Over IP Function : No  
HDBaseT Function : No  
RS-232 Function : No

### LOOP-OUT/LOCAL PORT:

Has loop out port : No  
Number of Loop out ports : 0

### AUDIO SUPPORT:

HDMI Audio Formats : LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH/Dolby Atmos

### POWER:

Power Consumption TX: 7W (Max)  
RX: 7W (Max)  
Power Supply: Input: AC 100-240V 50/60Hz  
Output : DC 24V/1A



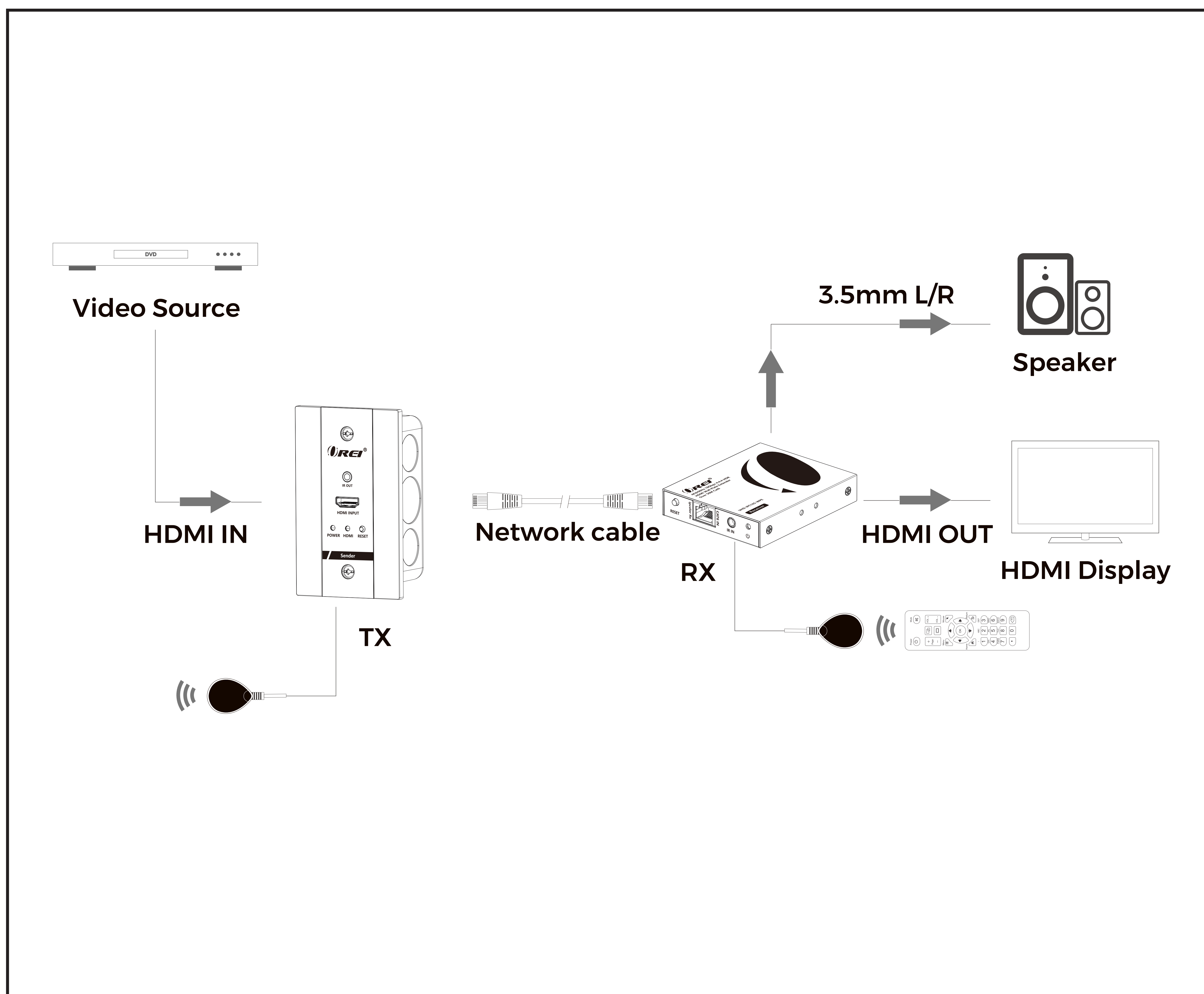
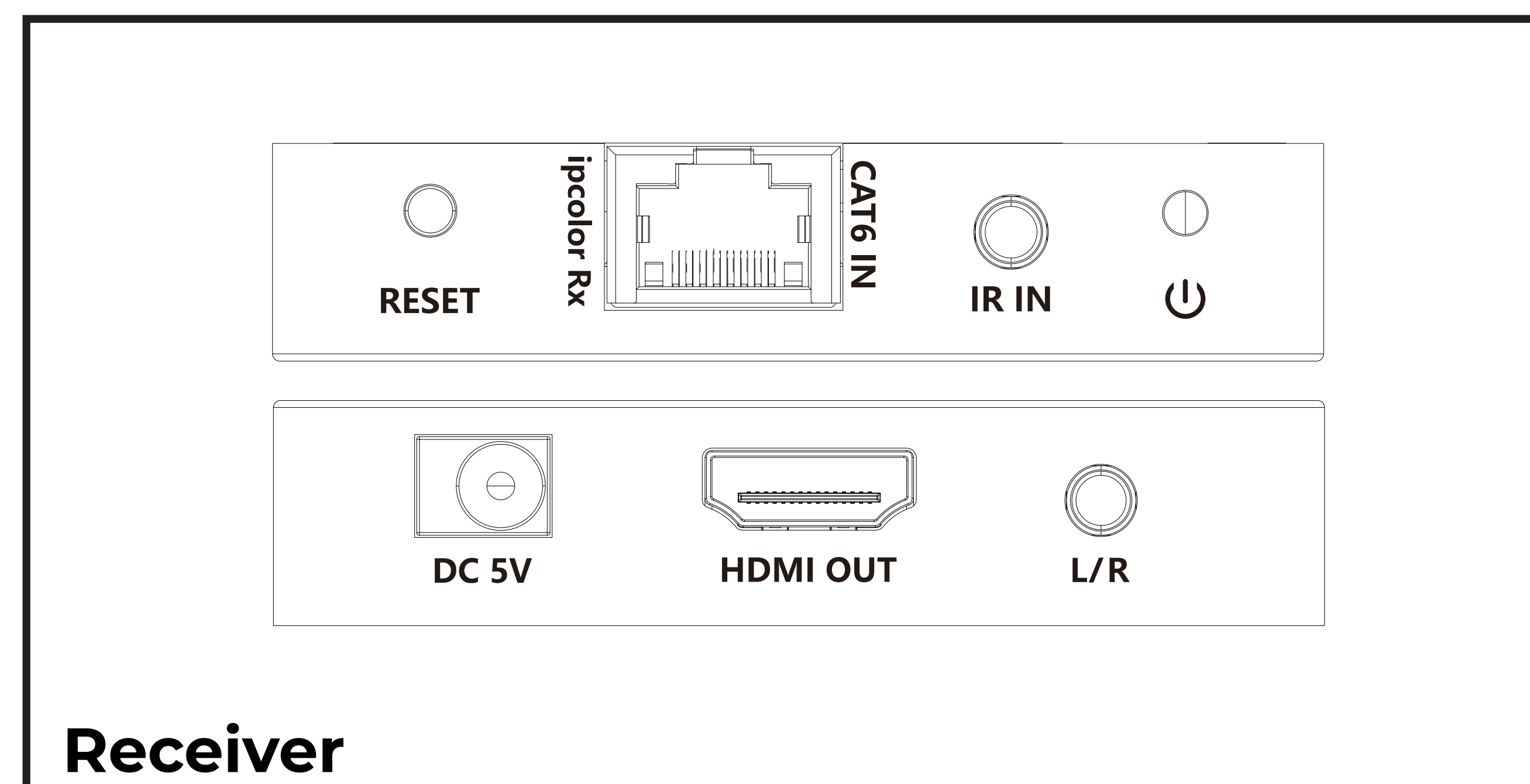
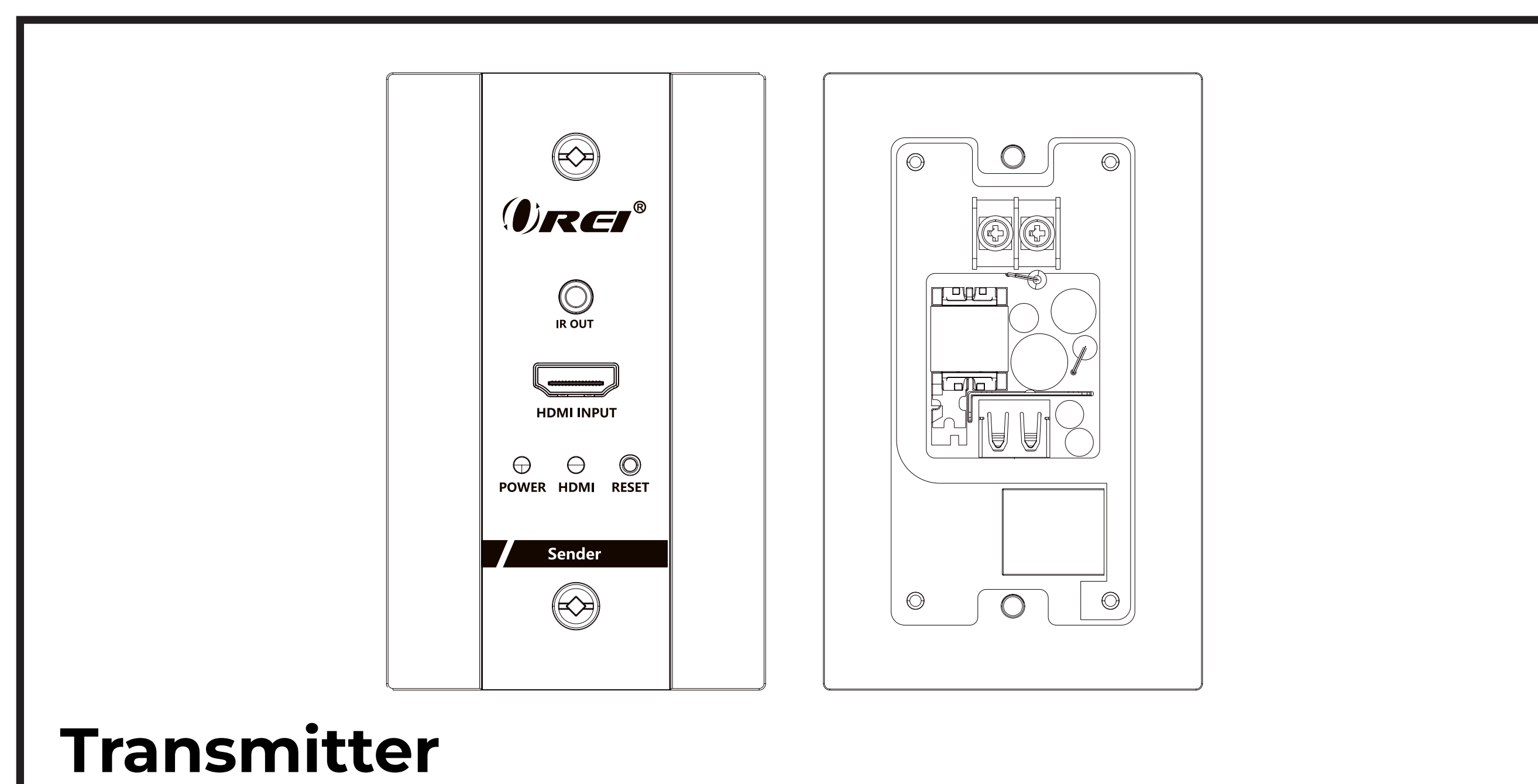
OVER 10 YEARS  
EXPERIENCE



FULL 1 YEAR  
LIMITED WARRANTY



# CONNECTION DIAGRAM



OVER 10 YEARS  
EXPERIENCE



FULL 1 YEAR  
LIMITED WARRANTY