



EX-165C+

4K@30Hz HDMI™ Extender (Loop, IR) - 130ft (cat6)

DIMENSIONS & WEIGHT:

Transmitter:
Length: 79.5mm/3.13in **Width:** 69mm/2.72in
Height: 16.5mm/0.65in **Weight:** 132g/4.66oz

Receiver:
Length: 79.5mm/3.13in**Width:** 69mm/2.72in
Height: 16.5mm/0.65in **Weight:** 130g/4.59oz

The HDMI 4K@30Hz Extender with Loop-Out and PoC extends uncompressed HDMI audio, video, and control over a single CAT6 cable with zero latency. It supports 1080p@60Hz up to 230 ft and 4K@30Hz up to 131 ft, with shorter distances on CAT5e. An HDMI loop-out enables local monitoring, while cascade support allows system expansion. Features include EDID management, one-way PoC requiring power only at the transmitter, and IR pass-through for remote control. Its compact design suits conference rooms, classrooms, signage, and home theaters.

PACKAGE CONTENTS: 1 x EX-165C+, 1 x Receiver, 1 x IR Blaster Cable, 1 x IR Receiver Cable, 1 x Power Adapter, User Manual

KEY FEATURES:

- HDMI 1.4, HDCP 1.4 & DVI 1.0 Compliant – Compatible with a wide range of HDMI and DVI devices.
- Resolutions up to 4K@30Hz (4:4:4) – Delivers crisp Ultra HD visuals with accurate color.
- Long-Distance Transmission via CAT Cable – Extend up to 230ft (1080p@60Hz) or 131ft (4K@30Hz) over CAT6; 197ft/115ft over CAT5e.
- HDMI Loop-Out with Cascading Support – Connect a local display and daisy-chain to additional extenders.
- EDID Copy Function – Choose EDID from loop-out display or receiver to ensure optimal compatibility.
- One-Way Power over Cable (PoC) – Power only required at the Transmitter for clean installations.
- One-Way IR Control – Control the source device remotely from the display side.
- Compact and Easy to Install – Ideal for residential setups, classrooms, and professional A/V environments.

SPECIFICATIONS

CONNECTIVITY:

Transmitter:	
INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female] 1 × CAT [RJ45]
CONTROL:	1 × IR OUT [3.5mm Stereo Mini-jack]
Receiver:	
INPUT:	1 × CAT [RJ45, 8-pin female]
OUTPUT:	1 × HDMI [Type A , 19-pin female]
CONTROL:	1 × IR IN [3.5mm Stereo Mini-jack]

COMPLIANCES:

HDMI Compliance	: HDMI 1.4
HDCP Compliance	: HDCP 1.4

SUPPORTED CAT CABLES:

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

4K@30Hz:	: 131 Feet
1080P@60Hz:	: 230 Feet

VIDEO OUTPUT:

Video Bandwidth	: 10.2Gbps
Video Resolutions	: 4K@30Hz, 1080p@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	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: No

LOOP-OUT/LOCAL PORT:

Has loop out port	: Yes
Number of Loop out ports	: 1

AUDIO SUPPORT:

HDMI Audio Formats	: Up to 7.1CH HD audio
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POWER:

Power Consumption:	TX: 1.86W (Max)
	RX: 0.87W (Max)
Power Supply:	Input: AC 100-240V 50/60Hz
	Output : DC 12V/1A



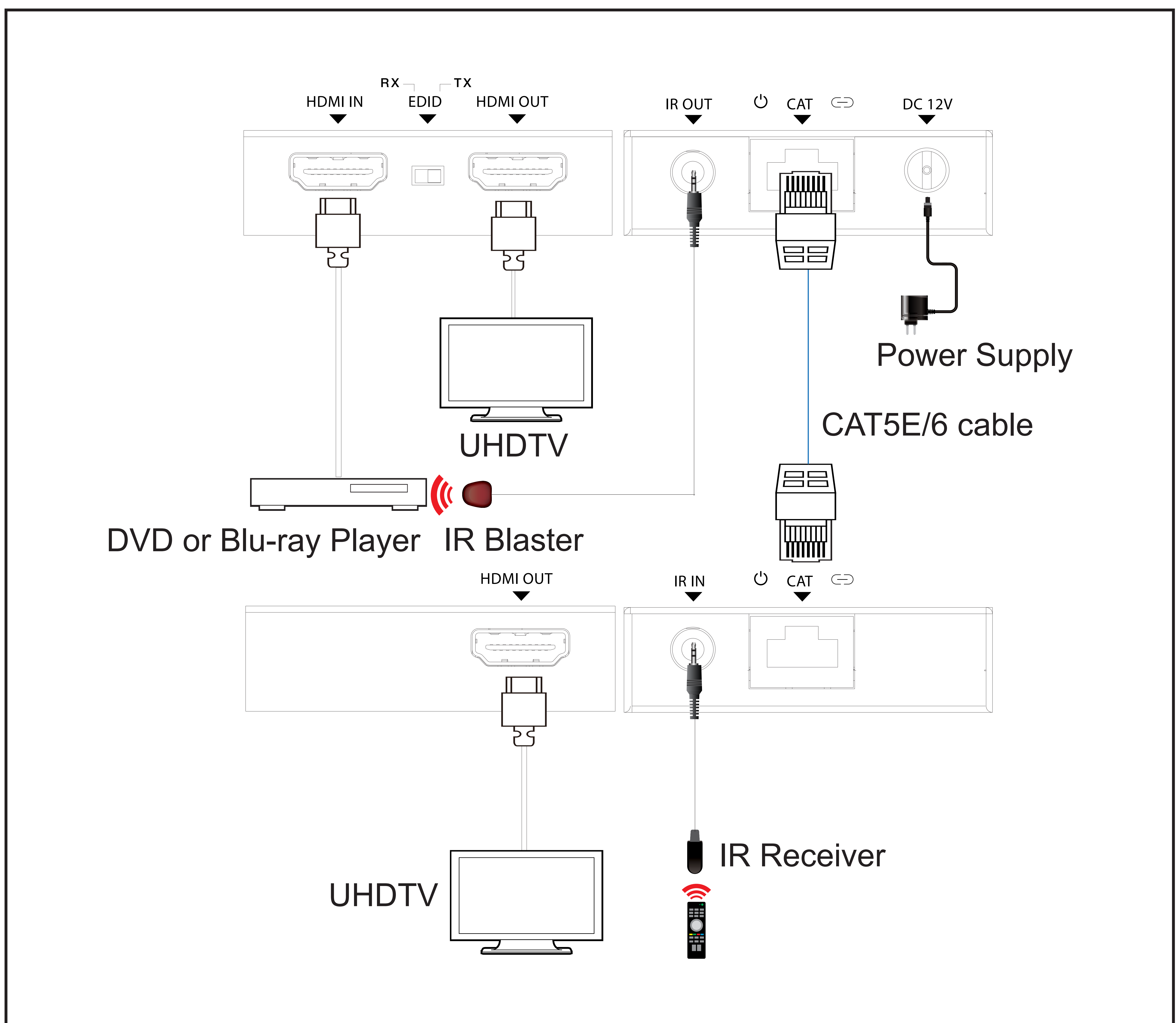
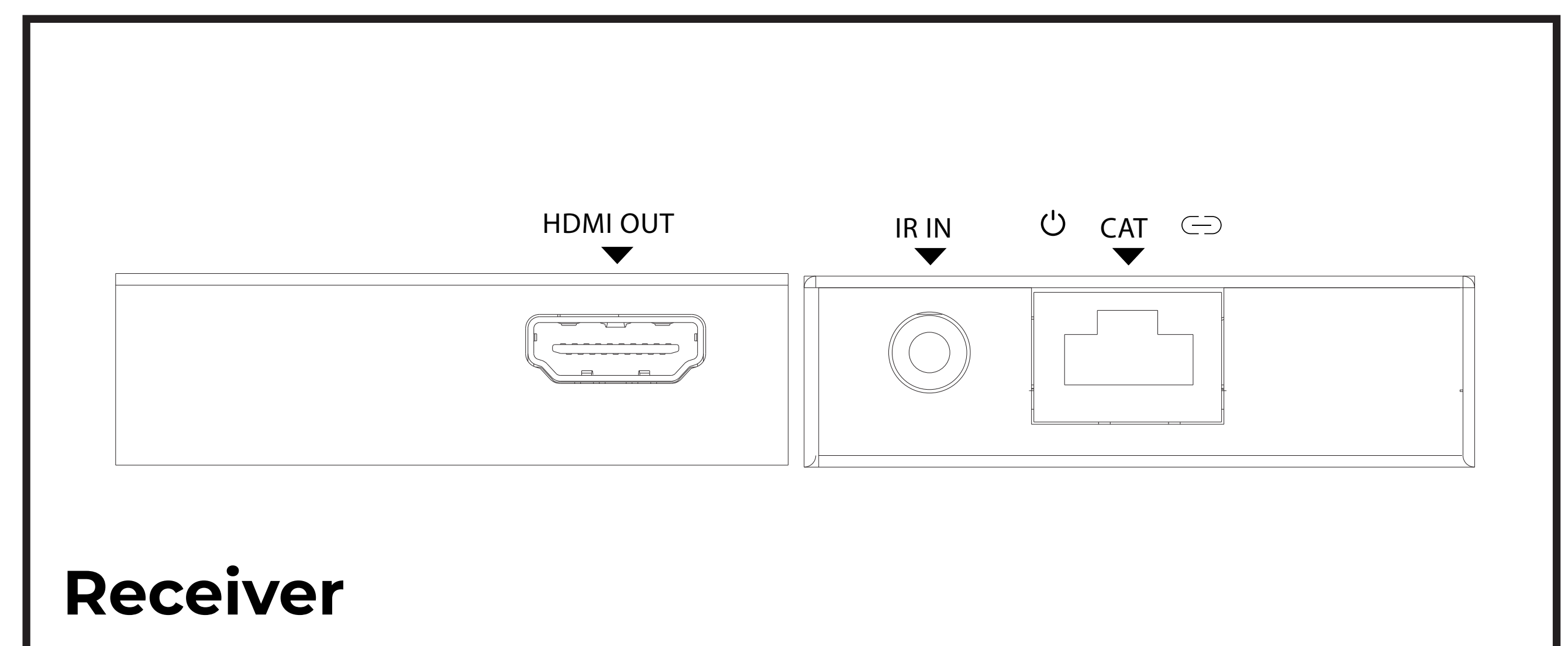
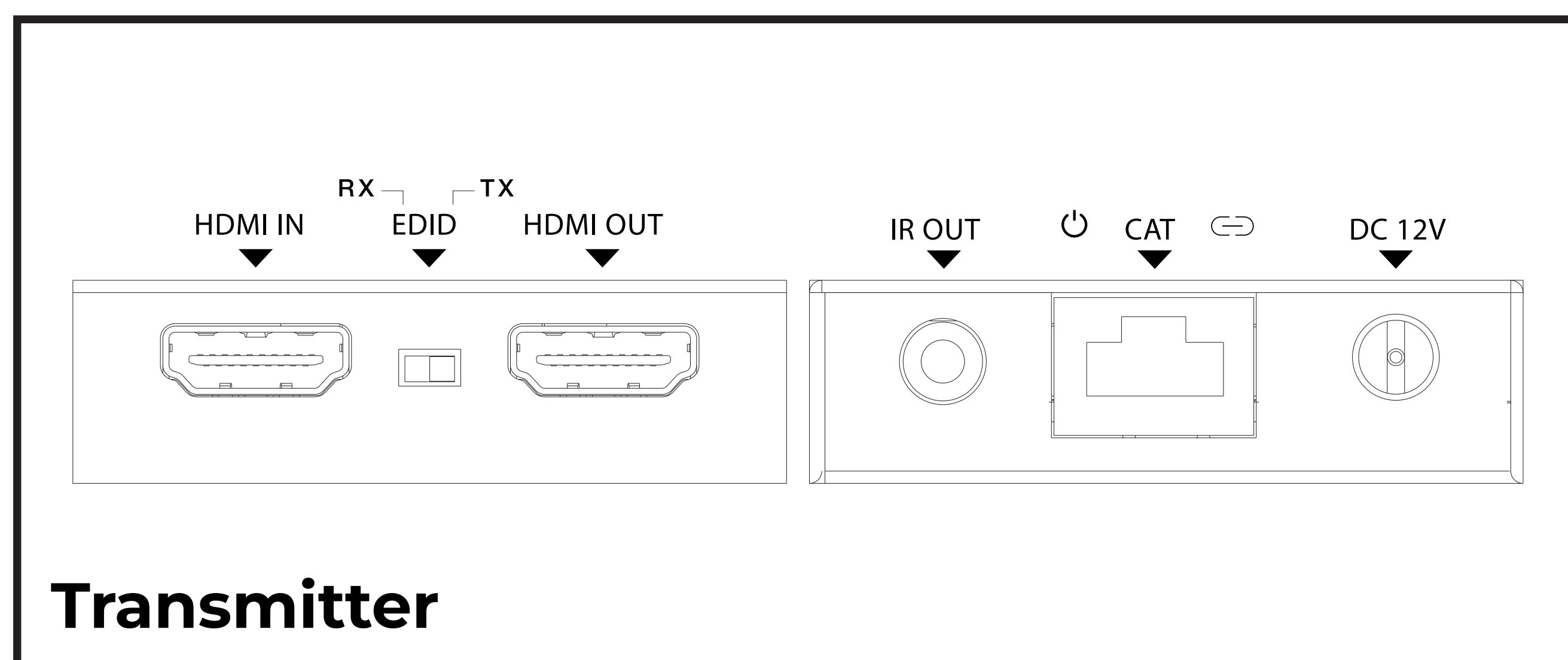
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

