



UHD-EX230A-K

4K HDMI Extender Over CAT6/7 - With ARC up to 230 feet

The **UHD-EX230A-K** HDMI extender transmits media signals up to 230 feet and supports 4K@60Hz resolution. Compliant with HDMI 2.0b and HDCP 2.2, it features 18Gbps bandwidth and an HDMI loop output for a nearby display. It includes bi-directional IR functionality for remote control and ARC support for audio extraction through the Optical port. With Power over Cable (PoC) technology, only one power adapter is needed, making installation easy. Ideal for residential and commercial setups.

PACKAGE CONTENTS: 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 4x Mounting ears, 8x Screws (KM3*4), 1x Power Adapter, User Manual

DIMENSIONS & WEIGHT:

Transmitter:

Length: 90mm/3.54in **Width:** 68mm/2.68in
Height: 18mm/0.71in **Weight:** 160g/5.64oz

Receiver:

Length: 90mm/3.54in **Width:** 68mm/2.68in
Height: 18mm/0.71in **Weight:** 155g/5.47oz

KEY FEATURES:

- HDMI 2.0b, HDCP 2.2 compliant
- Video resolutions up to 4K@60Hz
- 18Gbps video bandwidth
- Signal transmission up to 230 feet at 4K@60Hz over a CAT 6/7 cable
- HDR10+ & Dolby Vision support
- Audio extraction from the input source or ARC TV connected to the receiver and output through the optical port
- Audio pass-through for formats like LPCM 8.1CH, Dolby True HD, and DTS-HD Master
- HDMI loop output to connect a display at the source.
- Bi-directional IR control
- PoC functionality; only one power adapter is required at either end
- Easy installation and robust build

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female]
	1 × CAT [RJ45, 8-pin female]
CONTROL:	1 × IR IN [3.5mm Stereo Mini-jack]
	1 × IR OUT [3.5mm Stereo Mini-jack]
	1 × SERVICE [Micro USB, Update port]

Receiver:

INPUT:	1 × CAT [RJ45, 8-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female]
	1 × OPTICAL [S/PDIF, female]
CONTROL:	1 × IR IN [3.5mm Stereo Mini-jack]
	1 × IR OUT [3.5mm Stereo Mini-jack]
	1 × SERVICE [Micro USB, Update port]

COMPLIANCES:

HDMI Compliance	: HDMI 2.0b
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
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EXTENDING DISTANCE:

4K@60Hz	: 230 Feet
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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	: Yes
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	: LPCM 7.1CH, Dolby True HD, and DTS-HD Master
Optical Audio Formats	: Dolby 5.1, DTS 5.1, PCM 2.0

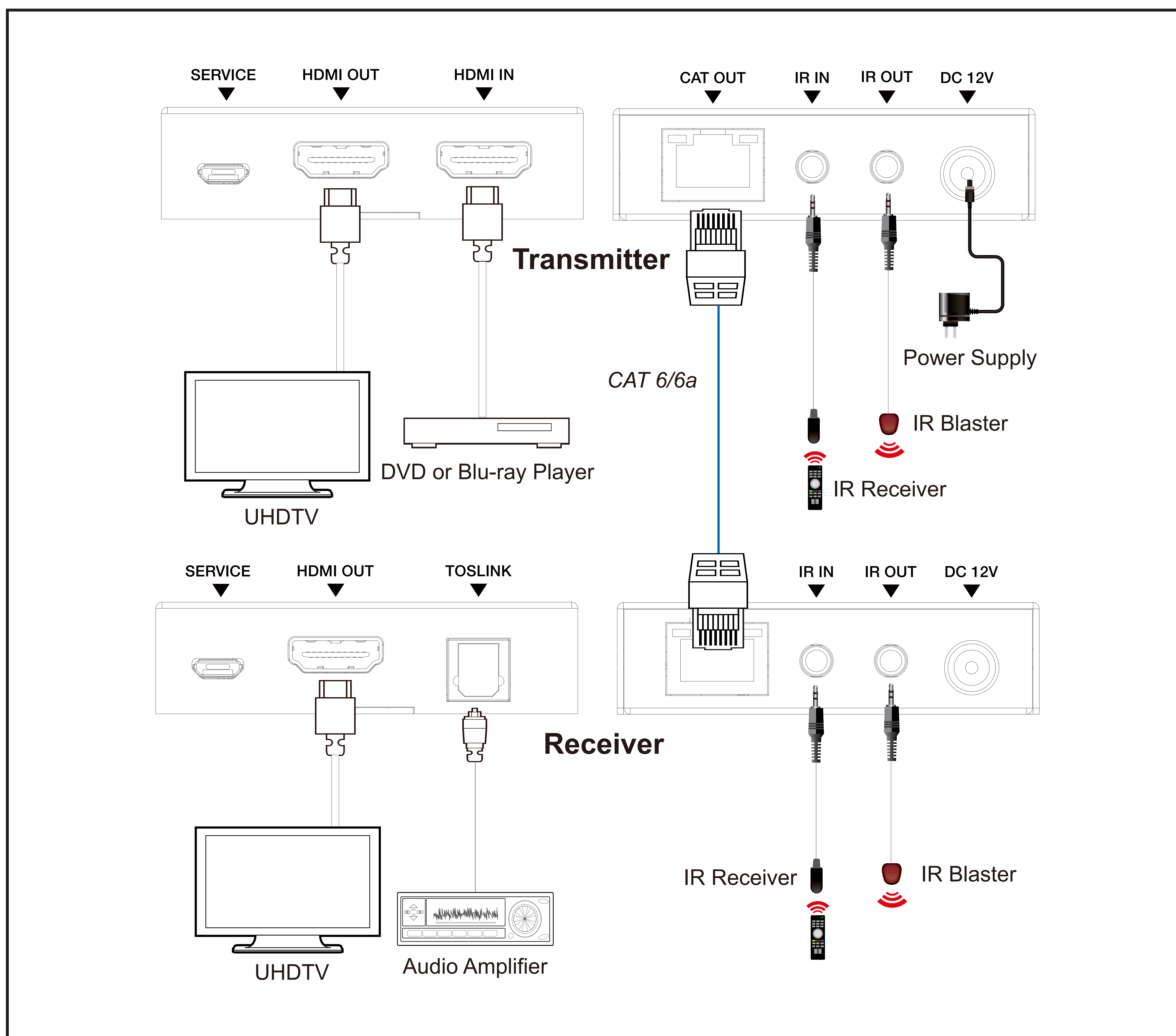
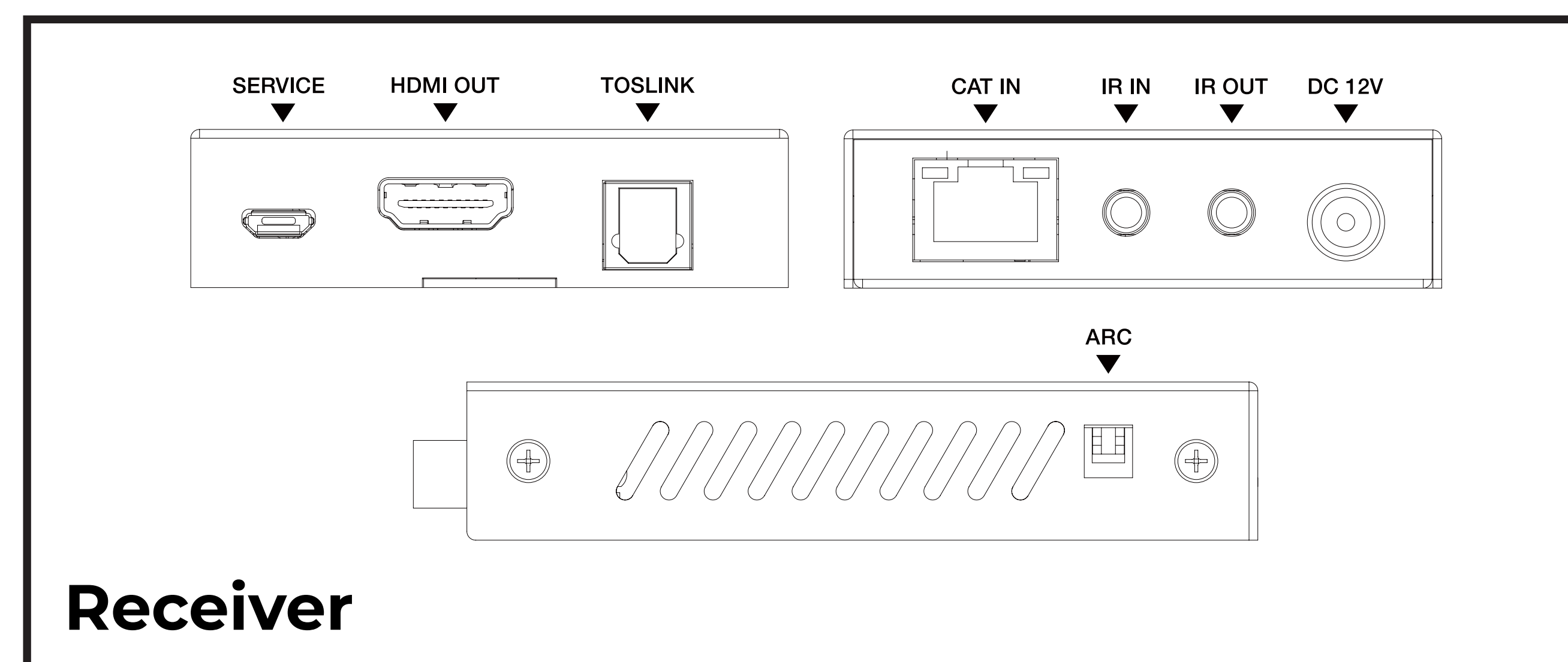
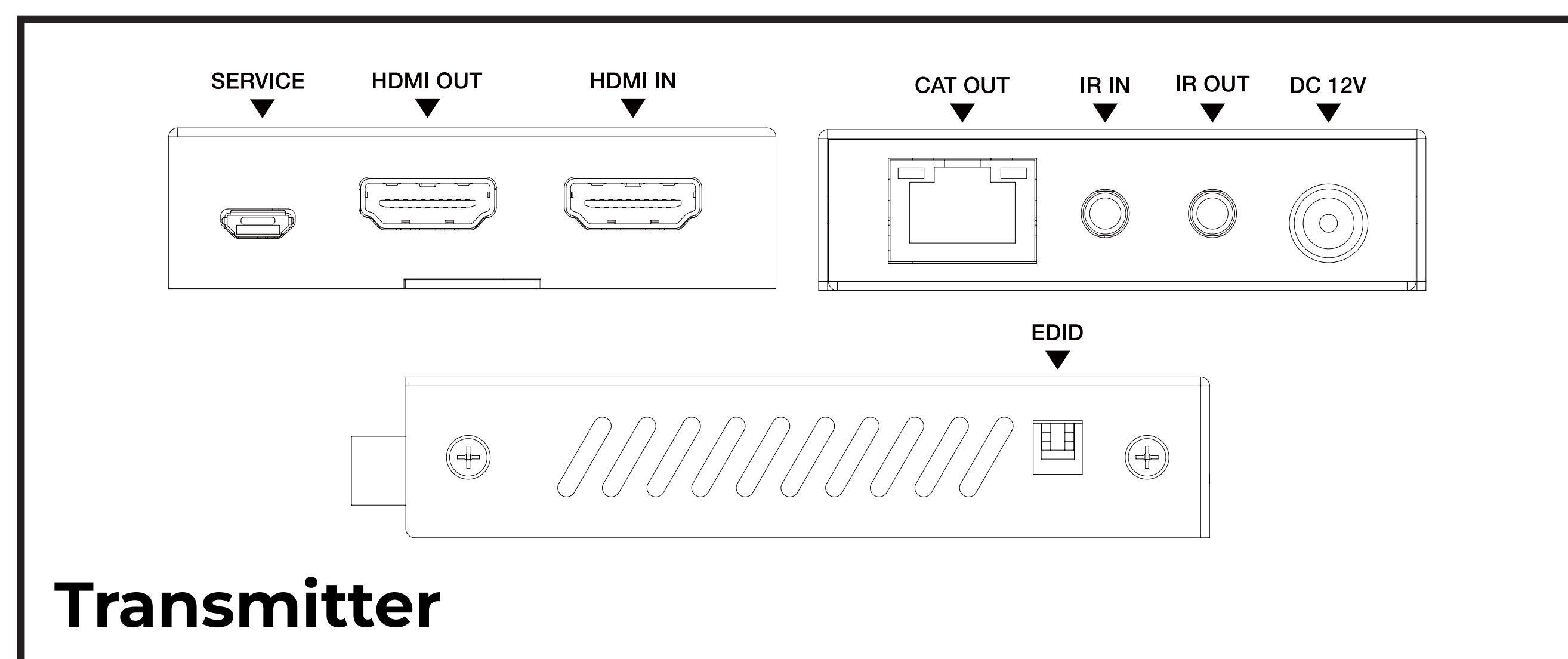
POWER:

Power Consumption	: 3.36W (Max)
Power Supply:	Input: AC 100-240V 50/60Hz
	Output: DC 12V/1A





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

