

UHD816-EX230-K

8x8 HDMI Matrix Extender upto 230 feet



DIMENSIONS & WEIGHT:

Transmitter:

Length: 440mm/17.32in **Width:** 250mm/9.84in
Height: 44.5mm/1.75in **Weight:** 3.2kg/7.05lbs

Receiver:

Length: 61mm/2.4in **Width:** 88mm/3.46in
Height: 18mm/0.7in **Weight:** 155g/5.47oz

The **UHD816-EX230-K** Matrix connects up to 8 HDMI sources to 16 displays, with each HDMI output mirrored to a CAT-cable output for simultaneous transmission. It supports resolutions up to 4K@60Hz and audio formats like LPCM 7.1, Dolby TrueHD, and DTS-HD Master Audio. The HDMI signals can extend up to 230ft/70m via CAT cables and the included receivers. Control options include front panel buttons, IR remote, RS-232, LAN, and Web GUI, making it ideal for multi-room setups.

PACKAGE CONTENTS: 1x Transmitter, 8x Receiver, 1x IR Remote, 9x IR Reciever Cable (1.5 meters), 8x IR Blaster Cable (1.5 meters), 1x DB-9 to RS-232 Cable, 18x Mounting Brackets, 8x Screws (KM3*6), 1x Power Adapter, 1x User Manual

KEY FEATURES:

- HDMI 2.0b and HDCP 2.2 compliant
- Video resolution up to 4K@60Hz (YUV 4:4:4) on all HDMI & CAT ports
- 8 HDMI inputs, 8 HDMI & CAT mirrored outputs
- HDMI ports support 18Gbps lossless compressed video bandwidth
- HDR, HDR10, HDR10+, Dolby Vision, HLG are supported
- CAT output can extend the transmission distance up to 230ft/70m via a single CAT6 cable
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio)
- Advanced EDID management and CEC control are supported
- 12V PoC on all CAT ports
- Supports one-way IR matrix function
- Control via front panel buttons, IR remote, RS-232, LAN and Web GUI

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	8 x HDMI [Type A, 19-pin female]
OUTPUT:	8 x HDMI [Type A, 19-pin female]
	8 x CAT [RJ45, 8-pin female]
CONTROL:	1 x TCP/IP [RJ45, 8-pin female]
	1 x RS-232 [3pin-3.81mm Phoenix connector]
	8 x IR OUT [3.5mm Stereo Mini-jack]
	1 x IR EXT [3.5mm Stereo Mini-jack]

Receiver:

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

EXTENDING DISTANCE:

4K@60Hz:	Up to 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 4:4:4

ADDITIONAL FEATURES

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

LOOP-OUT/LOCAL PORT:

Has loop out port	: Yes
Number of Loop out ports	: 8

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM 2.0/5.1/7.1, Dolby Digital/Plus, Dolby TrueHD, DTS HD Master Audio, DTS
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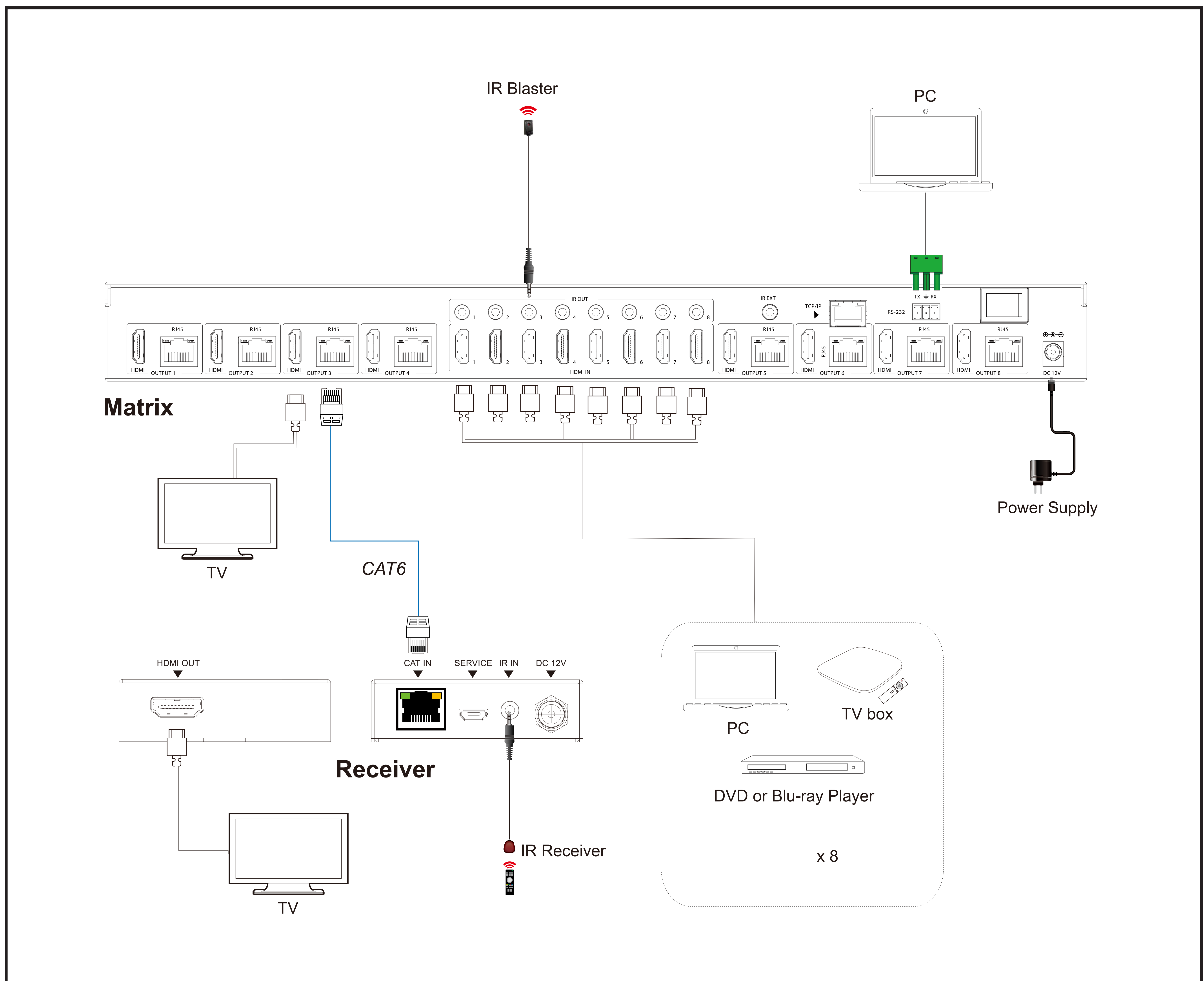
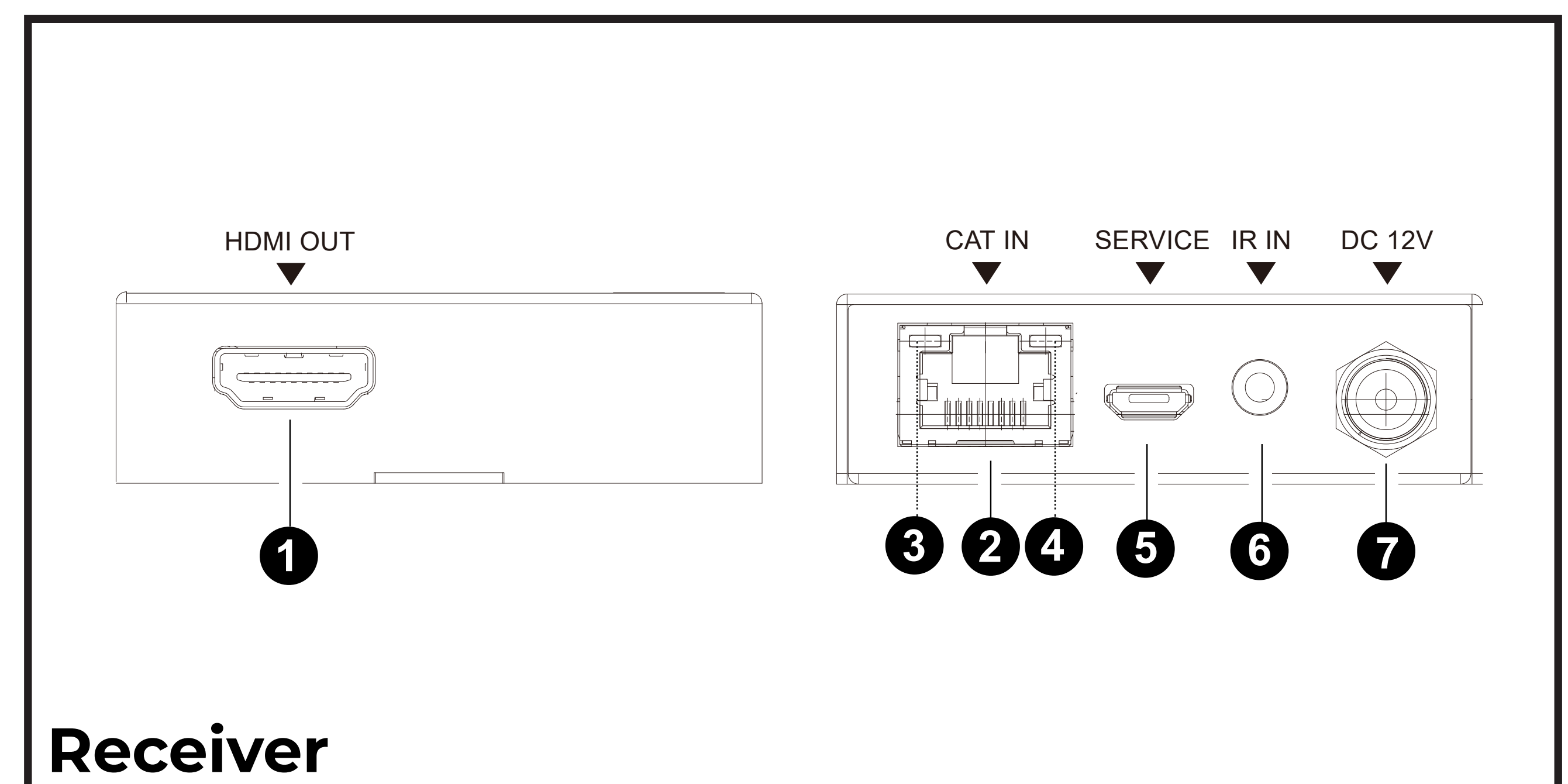
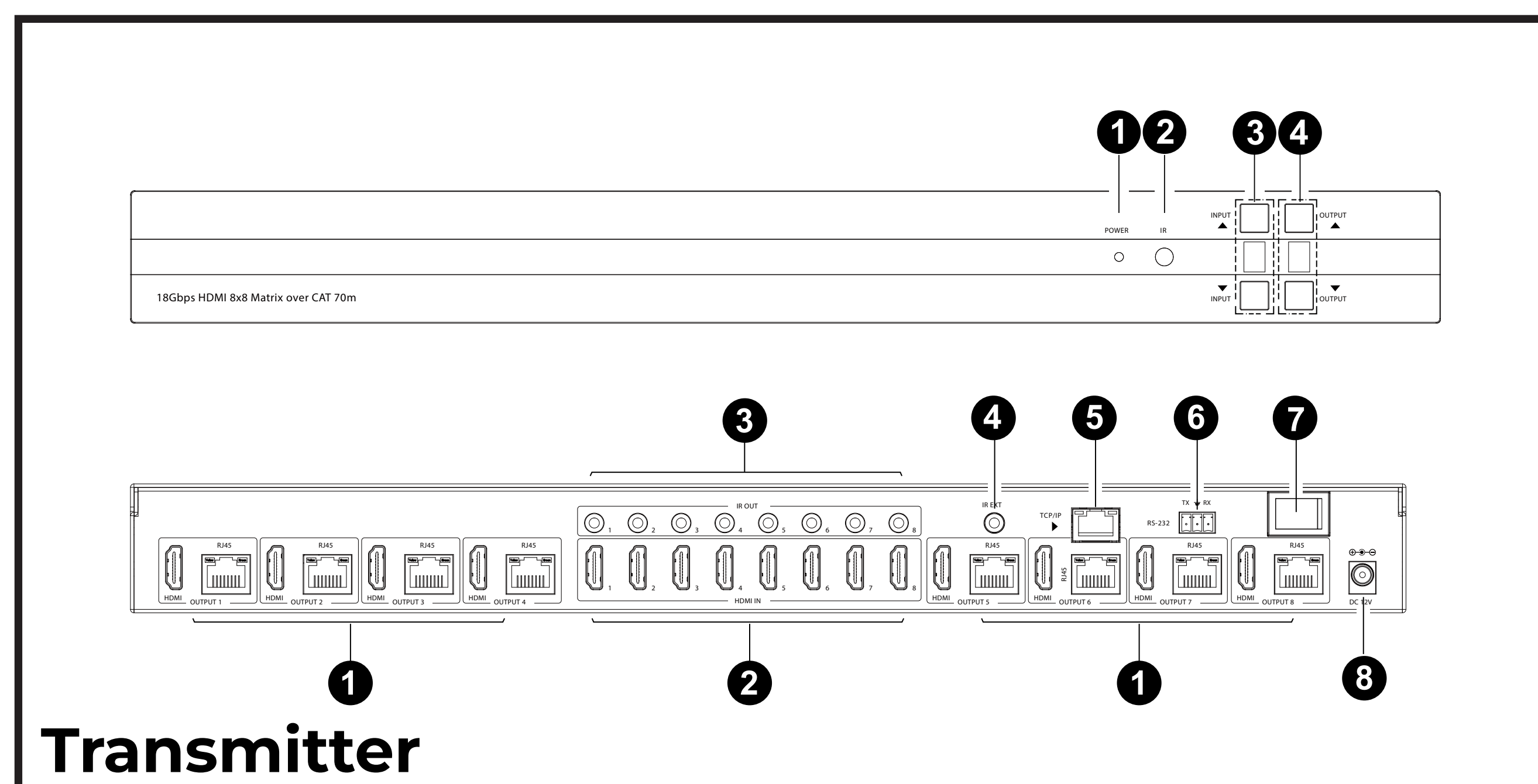
POWER:

Power Consumption (Max)	: 50W
Power Supply:	Input : AC 100 - 240V 50/60Hz Output : DC 12V/5A (US/EU standard, CE/FCC/UL certified)





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

