



UHD-EXM500-K

4K HDMI Extender up to 500 feet

The **UHD-EXM500-K** HDMI Extender transmits media signals up to 500 feet over a CAT6/7 cable, with support for 4K@60Hz resolution. Featuring ipcolor STREAM technology, it delivers high-definition, low-latency transmission. The Transmitter includes an HDMI output for a local display. It supports one-to-one direct connections or one-to-many via a network switch and works with multiple switch cascades. One-way IR transmission from Receiver to Transmitter allows media source control from the Receiver end. The device also supports RS-232 control. It is ideal for home and commercial setups.

PACKAGE CONTENTS: 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 4x Mounting ear, 2x RS-232 3-pin phoenix connector, 2x Power Adapter, User Manual

DIMENSIONS & WEIGHT:

Transmitter:

Length: 106mm / 4.17in **Width:** 103mm / 4.05in
Height: 20.6mm / 0.8in **Weight:** 254g / 8.9oz

Receiver:

Length: 106mm / 4.17in **Width:** 103mm / 4.05in
Height: 20.6mm / 0.8in **Weight:** 242g / 8.5oz

KEY FEATURES:

- HDMI 2.0 & HDCP 2.2 compliant
- Video resolutions up to 4K@60Hz
- Video bandwidth 18Gbps
- Send media signals up to 120M (500feet) using a CAT 6/7 cable
- HDMI output on the Transmitter to connect a display at the source location
- One-to-Many connection through Network switch and switch cascade supported
- One-way IR control from Receiver to the Transmitter
- RS-232 control
- Durable design and simple installation

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 OUT [3.5mm Stereo Mini-jack]
	1 × RS-232 [3-pin phoenix connector]
	1 × SERVICE [Micro USB, Update port]

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]
	1 × RS-232 [3-pin phoenix connector]
	1 × SERVICE [Micro USB, Update port]

COMPLIANCES:

HDMI Compliance	: HDMI 2.0
HDCP Compliance	: HDCP 2.2

SUPPORTED HDMI CABLES:

HDMI 2.0/2.1	: We recommend using high quality HDMI 2.0/2.1 cables under 30 feet for optimum performance
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EXTENDING DISTANCE:

4K@60Hz:	: 500 Feet
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VIDEO OUTPUT:

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

ADDITIONAL FEATURES

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

AUDIO SUPPORT:

HDMI Audio Formats	: PCM 2.0, LPCM 5.1/7.1, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS 5.1, DTS ES 6.1, DTS HRA, DTS HD Master, DTS:X
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POWER:

Power Consumption	TX : ≤ 4.5W
	RX : ≤ 2.5W
Power Supply:	Input : AC 100-240V 50/60Hz
	Output : DC 5V/1A

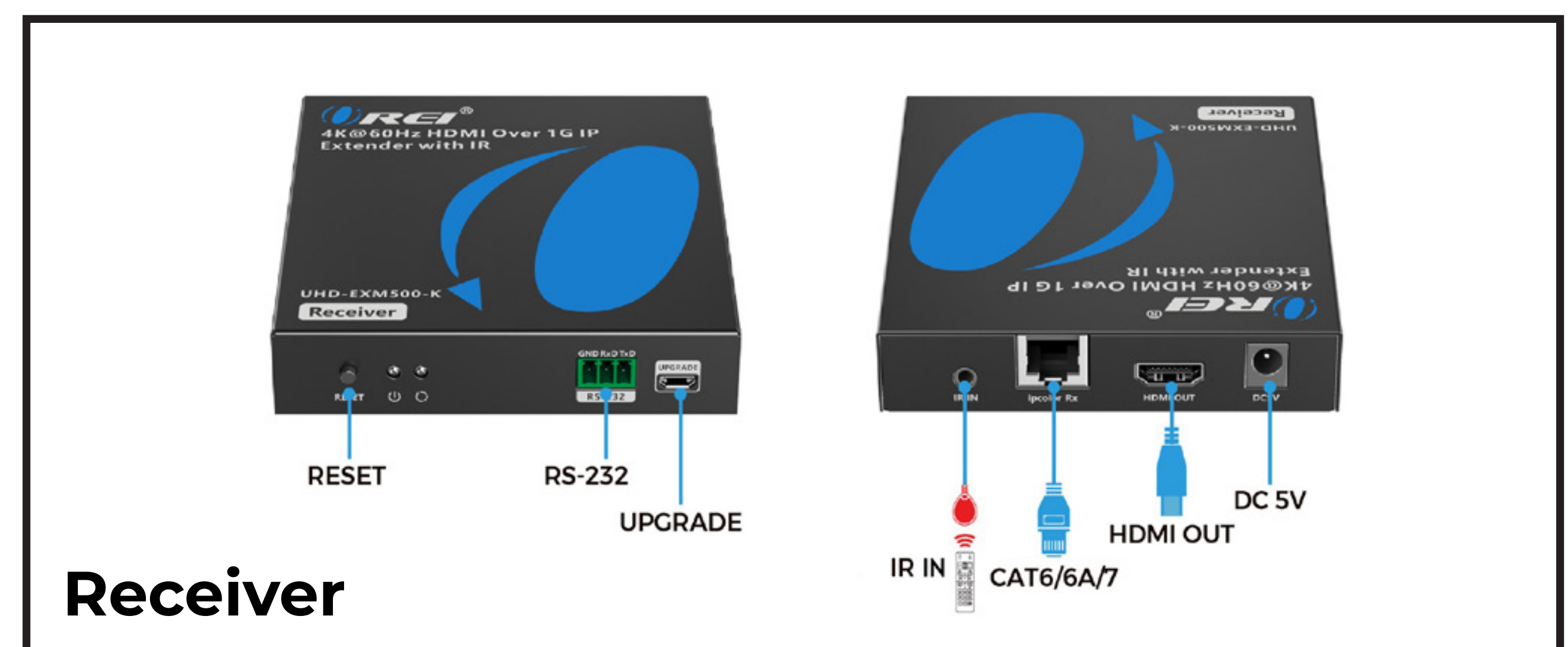
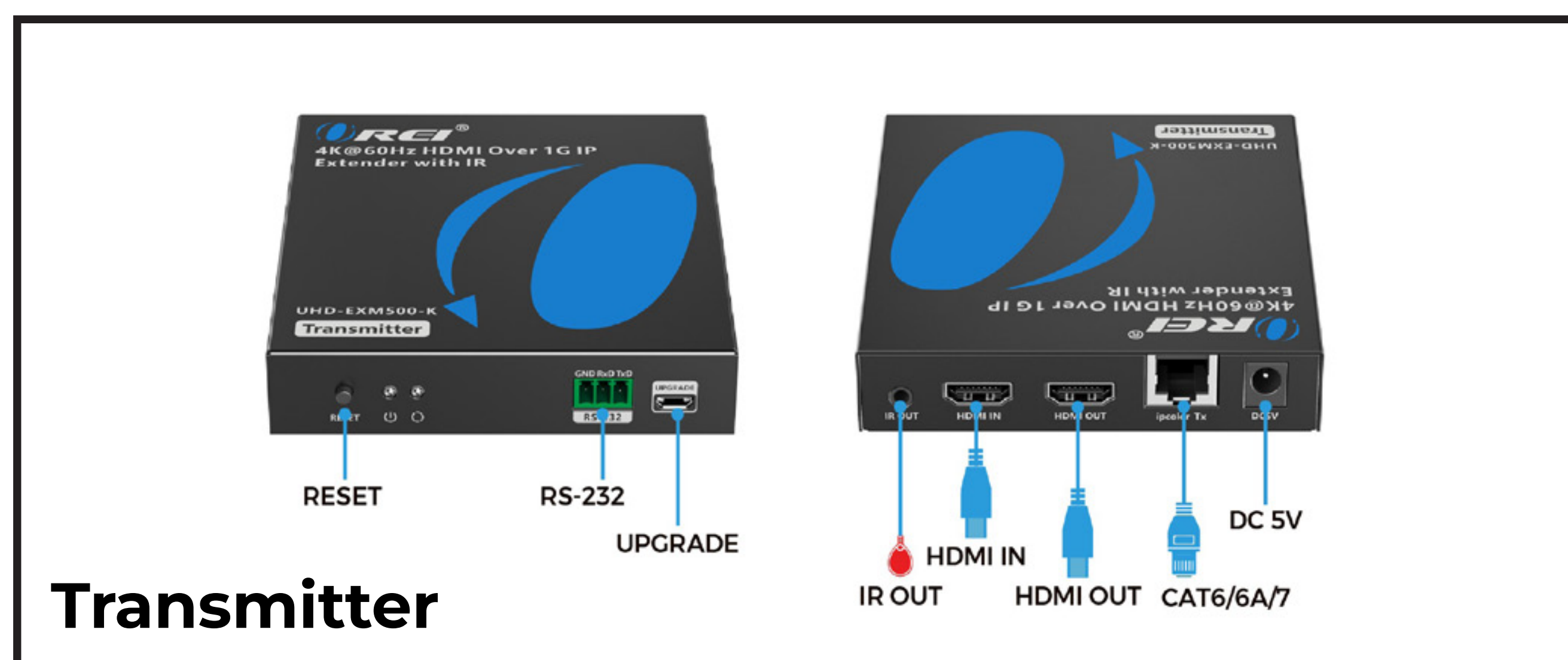


OVER 10 YEARS
EXPERIENCE

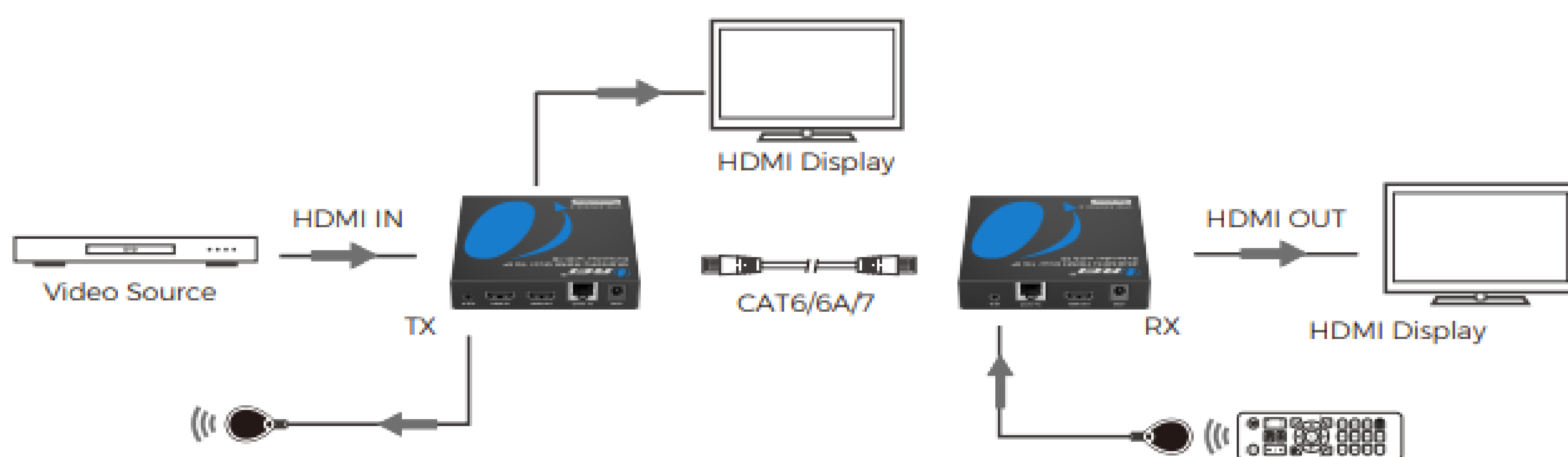




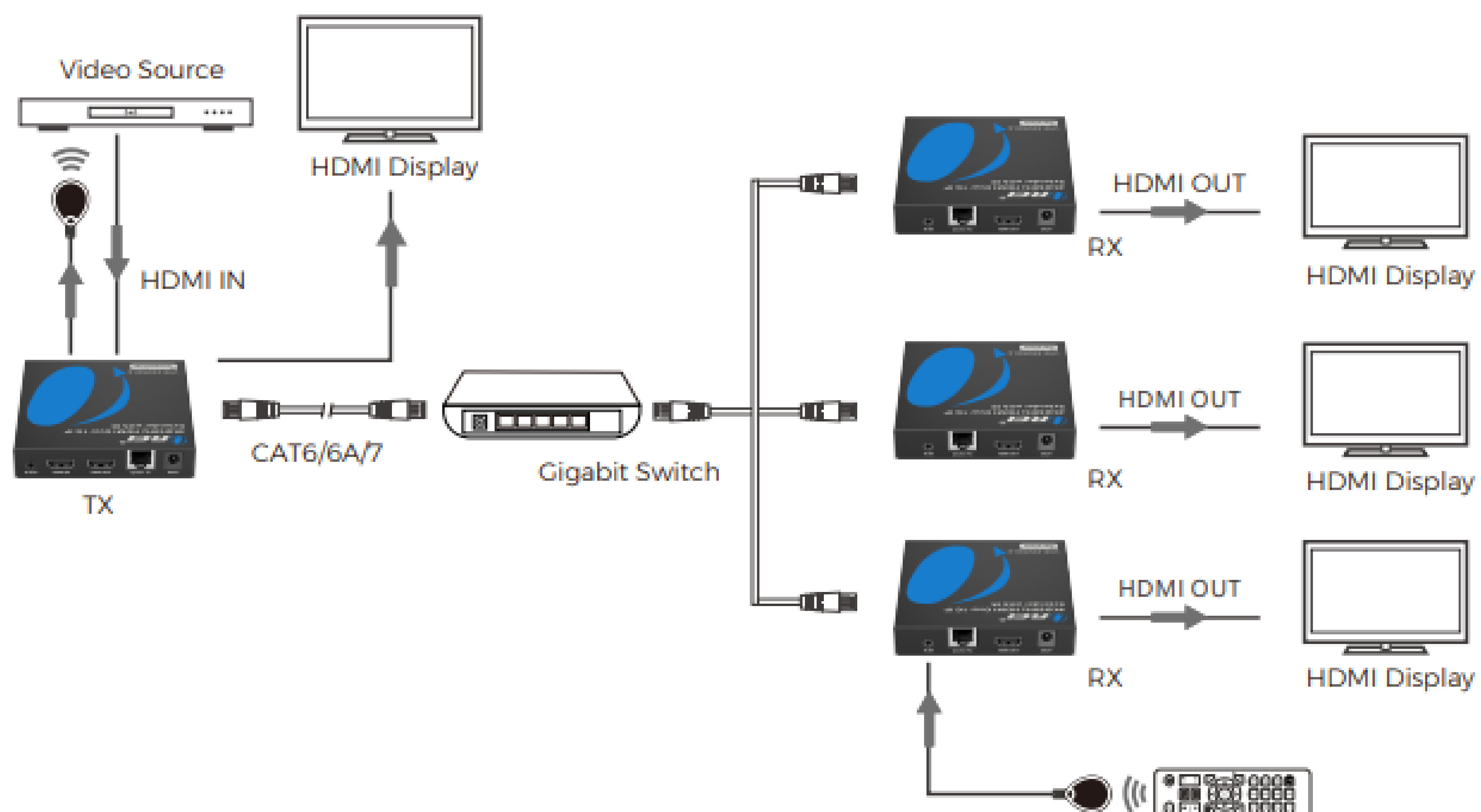
CONNECTION DIAGRAM



One-to-one Connection:



One-to-many Connection (Through Network Switch):



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FULL 1 YEAR
LIMITED WARRANTY