

PRODUCT NAME

GEFEN EXT-UHD-LANS-TX

DESCRIPTION

Gefen EXT-UHD-LANS is a set consisting of a transmitter (-TX) and a receiver (-RX), whose main task is to distribute and extend the audio signal and HDMI with HDR in 4K resolution, as well as IR and RS232 commands via Gigabit Ethernet (RJ45 with CAT-5e cable or better) at a distance that not exceed 100 meters.

The set features maximum input resolution of 4K (4096x2160) at 60 Hz with 4:2:0 sampling, and the same maximum output resolution, this time with 30 Hz and 4:4:4 sampling. EXT-UHD-LANS supports HDCP 1.4 and 2.2, as well as 7.1-channel Dolby Atmos, Dolby True HD, DTS:X audio as well as DTS-HD Master Audio.

The Gefen EXT-UHD-LANS-TX transmitter is equipped with an RJ45 (PoE) connector, HDMI input, and a line audio input on a 3.5mm jack. The same diameter jack also is used to IR and RS232 connectors. Thanks to PoE (Power over Ethernet) technology, both the transmitter and receiver do not require external power. If PoE is not available, the user should use a threaded 5V DC power socket.

On the front panel, in addition to the LEDs, there is a Prog Sel switch, which is mainly used for debugging and updating (during normal operation it is recommended to switch to the Off position).

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GEFEN EXT-UHD-LANS-TX

DESCRIPTION (CONTINUED)

The second part of the Gefen set is the EXT-UHD-LANS-RX receiver that is available at SQM Rental House.

SPECIFICATIONS

Category	Extender
Max. resolution (px×px)	4096x2160
Width (mm)	214
Height (mm)	25
Depth (mm)	123
Connectors	1 x Ethernet (RJ45, PoE)
Connectors	2 x IR (3.5mm jack, Input/Extender, Output)
Connectors	1 x HDMI (Input)
Connectors	1 x RS232 (3.5mm jack)
Connectors	1 x Audio (3.5mm jack, Line input)
Net weight (kg)	1.29