

MP-IP-HD-TX

HDMI over IP/PoE Transmitter



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Version: MP-IP-HD-TX_20251029

1. Product Introduction

The MP-IP-HD-TX is a Transmitter, which designs to match with MP-IP-HD-RX, the units are HDMI over IP power by PoE. It supports receive 1080P 60Hz video, HDCP1.4 compliant. It support power by PoE or DC5V power supply for field using; It provides HDMI transmission up to 150 meters for 1080p video over single CAT6 cable.

1.1 Features

- Two power supply PoE or DC 5V.
- Max 150m transmission distance @1080P video.
- HDMI Loopout supported.
- IR control.

1.2 Package List

- 1x MP-IP-HD-TX unit.
- 1x USB-A to USB-C power cable
- 1x User Manual

Note: Please contact your distributor immediately if any damage or defect in the components is found

2. Panel Description

2.1 Front Panel



① **SOURCE:** HDMI port to connect HDMI source.

② **LOOPOUT:** HDMI port to connect HDMI display to loopout input video.

2.2 Rear Panel



① **RJ45:** support PoE power supply and connect with switcher to transmit 1080P video max 150m.

② **IR OUT:** connect to a IR emitter to send IR signal;

③ **DC 5V:** connect to a DC 5V power supply to power on the unit.

3. Specification

General	
Video Resolution	1080P 60Hz
HDMI Audio Format	LPCM 2CH
Transmission Distance	150m @ 1080p
HDMI Version	HDMI 1.3a
HDCP Version	HDCP 1.4 Compliant
Delay	10-30ms (Depends Display)
IR Pass	From Rx to Tx
Power Supply	DC 5V1A
Operation Temperature	-10~55°C
Storage Temperature	-25~70°C
Relative Humidity	30%-85%
Dimensions(W*D*H)	98 x 69 x 23mm