

MPHD-WL11

Wireless HDMI Extender

Product Introduction

The MPHD-WL11 is a wireless HDMI extension solution kit designed to transmit Full HD video up to 130 m with low latency of 60–100 ms and low power consumption. It is suitable for home theaters, conference centers, auditoriums and similar applications.



Key Features

- Video resolution up to 1920 × 1080.
- Supports 44.1/48 kHz, 16/24-bit audio transmission.
- Transmission distance up to 130 m / 426 ft.
- HDCP compliant; H.264 video standard.
- 60–100 ms latency at 720P/1080P.
- Multiple point-to-point transmission can be established in the same area.
- Channel spectrum width: 20/40 MHz.
- Low power consumption: Tx 2.9 W; Rx 2.7 W.

Technical Specifications

Parameter	Specification
Video Input (Tx)	1 × HDMI, Type-A female
Video Output (Rx)	1 × HDMI, Type-A female
Resolution	640 × 480 to 1920 × 1080
Video Standard	H.264
Scan	Progressive scanning
Audio	44.1/48 kHz, 16/24-bit
Network	1:1 unicast; LAN
Wireless	802.11n, 5 GHz, 2T2R
Wireless Speed	10/100 (IEEE 802.11n)
Bandwidth	Still: 6–8 Mbps; 720P: 12–25 Mbps; 1080P: 15–36 Mbps
Latency	60–100 ms
Transmission Distance	Up to 130 m / 426 ft at 1080P
Power Supply	100–240 V AC, 50/60 Hz or 5 V DC 1 A

Parameter	Specification
Power Consumption	Tx: 2.9 W; Rx: 2.7 W
Operating Temperature	−10 °C to +55 °C
Storage Temperature	−25 °C to +70 °C
Humidity	10%–90% RH
Dimensions	87.0 × 24.5 × 64.0 mm
Net Weight	225 g per Tx/Rx