

100M Wireless HDMI Extender

Connect an HDMI Source like a BluRay or Media player to a 1080P Television or projector placed up to 330ft or 100M away wirelessly without the need to run a long length HDMI Cable or ethernet cable extender.

MPN: EXT-18GHDMIWL

The KanexPro EXT-18GHDMIWL 100M Wireless extender is a compact HDMI transmitter - receiver set designed to extend HD (1080p) video signals from a source to a display which can be remotely located up to 328 feet away. This wireless system is based on powerful low-bandwidth H.265 compression reducing the latency and signal dropouts. The system is simple, plug and play and it's ready to go. No drivers or complicated installation procedures required.

Industry Standard HDCP 1.4 & 1080p/60Hz

HDCP 1.4 authentication is present always on this matrix ensuring proper handshake of the protected content. It also maintains resolutions up to full HD 1080p/60 which is compatible with almost all displays in the market today.

Applications:

Wireless extenders offer a convenient and elegant solution to delivering long distance HDMI transmissions without the hassle of running thick unwieldy HDMI cables through walls and furniture. Ideal for use with TV carts, and mobile AV stations.



RELIABLE PERFORMANCE

The wireless extender uses the high-performance H.265 streaming technology used by top video streaming services to ensure a stable connection and a high-quality picture that won't drop out when signal strength fluctuates.

- 1. Residential installations:** Hardwood floors and vaulted ceilings make it incredibly difficult to run cables to a projector or display. The wireless HDMI transmitter simplifies the complexity of needing to run a terminate cables.
- 2. Educational Environments:** AV Carts are everywhere in schools and learning facilities. A wireless HDMI extender allows for easy placement of AV equipment in a central location while allowing for the cart to easily be positioned in the optimal location.
- 3. Save the cables:** Sending signals wirelessly saves the time and the hassle of complications with running cables through walls or floors.

FEATURES

- Supports one HDMI HD source to one HDMI HD display via wireless transmission
- Video resolution up to 1080P@60Hz
- One-to-one connects transmission distance up to 330ft/100m
- Low Latency - End-to-end delays under 120Ms
- Compact design for easy and flexible installation

SPECIFICATIONS

HDMI Bandwidth	6.75Gbps
Input Port (Transmitter)	1xHDMI (Type-A)
Output Port (Receiver)	1xHDMI (Type-A)
Service Port	1xUSB 2.0 (Micro-B)
Power Supply	5V/1A DC (US/EU standards, CE/FCC/UL certified)
ESD Protection (HBM)	±8kV (Air Discharge) ±4kV (Contact Discharge)
Dimensions (WxHxD)	76mmx21mmx98mm [Case Only]
Weight	Transmitter/Receiver 100g
Chassis Material	Plastic
Chassis Color	Black
Operating Temperature	0°C - 40°C/32°F - 104°F
Storage Temperature	-20°C - 60°C/-4°F - 140°F
Relative Humidity	20 - 90% RH (Non-condensing)
Power Consumption	Transmitter 2.25W / Receiver 1.8W

APPLICATION DIAGRAM



The transmission distance extends up to **100M**



Power Supply



Blu-ray Player

Power Supply



4K TV