

Overview:

The HDMI Wireless Extender Kit (500780) allows HDMI equipment to be connected wirelessly up to 100ft (30m) @ 1080p in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter and an IR Sensor for remote control applications.



Applications:

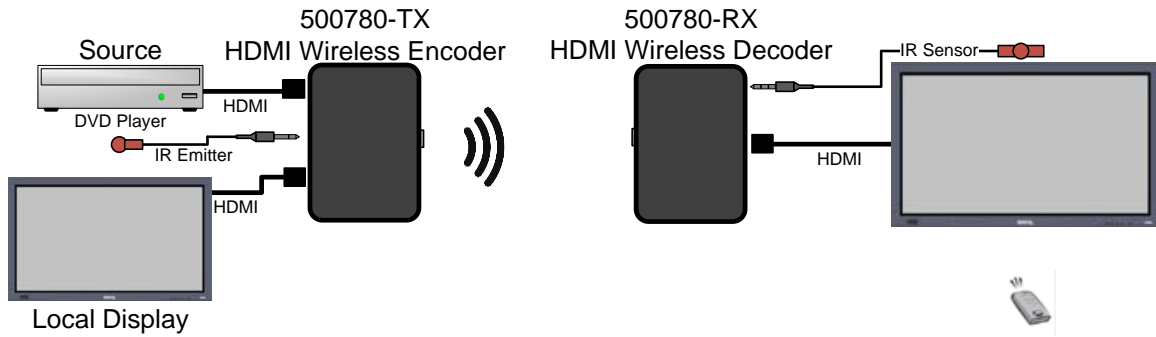
- Commercial and residential AV systems
- Classroom projector systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Home Theatre
- Showroom
- Connectivity in hard to reach locations

Key Features:

- HDMI 1.3a (supports the 3D feature of HDMI 1.4)
- Supports up to 1080p & 3D resolutions
- H.264 video compression with <500ms latency
- Up to 100ft (30m) line of sight between TX & RX
- HDMI loop-out on Transmitter
- Supports IR transmissions
- LED diagnostic
- Pairing button for quick and easy setup

Environment	HDMI 1.3a (Supports the 3D feature of HDMI 1.4)
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
Transmission	Transparent to the user.
Bandwidth	165 MHz
Signals	HDMI 1.3a protocol, HDCP
Connectors	Two (2) HDMI receptacle (for TX unit). One (1) HDMI receptacle (for RX unit). One (1) 3.5mm jack for IR sensor (for RX unit). One (1) 2.5mm jack for IR emitter (for TX unit). One (1) Mini USB Power Connector. <i>Note: HDMI cables not included.</i>
Switch	Push button for pairing.
Latency	Less than 500msec
Compression	H.264
Bandwidth	Up to 15Mbps
Maximum Distance	Wireless transmission up to 100ft (30m), up to 1080p. <i>Based on a maximum length of 6.6ft (2m) of HDMI cable per end.</i>
IR Frequency	Wideband 30KHz to 60KHz
Power Supply	One (1) 110-240V to 5VDC, 1A Micro USB power supply with interchangeable blades per HDMI Wireless Extender unit.
Power Consumption	Transmitter: 4.5 Watt (Max) Receiver: 3.5 Watt (Max)
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Plastic
Dimensions	3.3" x 3.3" x 0.5" (84mm x 84mm x 13mm)
Weight	1lbs (0.45kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500780 HDMI Wireless Extender Kit

Typical Application



Transmitter (Source Side)



Receiver (Display Side)