



1080p 4-Port HDMI Extending Splitter Transmitter

Splits One Source to Four Outputs; Extends Signal up to 50 m (165 ft.), Single Ethernet Cable per Receiver, Video Bandwidth Amplifier, Black

Part No.: 207829

Easily connect and extend up to four HDMI displays to a single source.

The Manhattan 1080p 4-Port HDMI Extending Splitter Transmitter provides the option of connecting and extending as many as four HDMI displays to one High-Definition (1080p, HD) or high-definition 3D source at up to 50 m (165 ft.) distances. This powered HDMI Extending Splitter provides a reliable 1080p resolution video and multichannel audio transmission over longer distances than is possible with HDMI cables.

Flexible Solution for Many A/V Applications

Ideal for trade shows, classrooms, home theater, conference rooms, business office and retail applications, the Manhattan 1080p 4-Port HDMI Extending Splitter Transmitter boosts and extends a 1080p signal up to 50 m (165 ft.) for convenient display or projector placement. Cat6 Ethernet cabling — UTP, SSTP or SFTP (cables not included) — is less expensive and easier to install than HDMI cabling and in-line signal repeaters.

Best Possible Image Quality

The Manhattan 1080p 4-Port HDMI Extending Splitter Transmitter is HDMI and HDCP 1.4a compliant and delivers a stunningly clean, crisp and vivid picture at up to 1080p resolution on four displays thanks to an integrated video bandwidth amplifier. Additionally, it supports HD-quality 3D video, as well as LPCM, DTS and Dolby TrueHD audio.

Features:

- Replicates and extends a High-Definition (HD) digital audio/video signal to up to four HD 1080p HDMI Extending Splitter Receivers at distances up to 50 m (165 ft.) using Ethernet cable
- Supports 1080p resolution as well as HD 3D video and Deep Color (24-bits/pixel)
- 1080p resolution, 3D, Deep Color
- Integrated video bandwidth amplifier
- Supports video-amplifier bandwidth of up to 1.65 Gbps (for 1080p)
- Supports LPCM, DTS Digital, DTS-HD Master Audio and Dolby TrueHD audio
- A flexible Audio/Video solution for conference rooms (when sharing ideas and data), digital signage (extending the distances between displays) and other applications
- Works with PlayStation and Xbox game systems, Blu-ray players, set-top boxes, satellite receivers and more
- Fully HDCP compliant

- This transmitting (Tx) unit requires at least one receiving (Rx) unit (207836) but connects up to four
- AC powered with Plug and Play installation; no special setup or remote required
- Plug-and-play installation
- Gold-plated contacts for corrosion-free connections
- Three-year warranty

Specifications:

Standards and Certifications

- HDCP 1.4a
- CE
- FCC
- RoHS2

General

- Source-to-splitter (TX) range: up to 15 m (49 ft.)
- Cat6 cable 1080p at 50 m (165 ft.)
- Cat6 cable 720p at 60 m (200 ft.)
- Cat6 cable 480p at 80 m (264 ft.)
- Receiver (RX)-to-display range: up to 15 m (49 ft.)
- Power: 12 VDC @ 1 A ; AC power adapter, 0.9 m (2.9 ft.)
- LED power/status indicator
- Wallmountable
- Power: 12 VDC

Connections

Transmitter

- One HDMI female, 19-pin (input)
- Four Ethernet female, RJ45 (output)
- One 5 VDC female, power (input)

Receiver (sold separately)

- One HDMI female, 19-pin (output)
- One Ethernet female, RJ45 (input)
- One 5 VDC female, power (input)

Signal Input/Output

- Input video signal: 400 – 600 mV
- Input DDC signal: 5 V p-p (TTL)
- Maximum single-link range: 1.65 Gbps and 1080p resolution
- Output video: HDMI 1.3, HDCP 1.4a
- Frequency: 1.65 Gbps / 165 MHz

Video Resolutions

- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p

Physical

- LED indicators: power and port connection
- Power adapter: 12 VDC / 1 A; 0.9 m (2.9 ft.)
- Power switch
- Dimensions: 162 x 100 x 25 mm (6.4 x 3.9 x 1 in.)
- Weight: 0.43 kg (0.95 lbs.)
- Housing: metal

Operating Environment

- Operation Temperature: 0 – 40°C (32 – 104°F)
- Storage Temperature: -20 – 60°C (-4 – 140°F)
- Humidity (noncondensing): 0 – 96%

Package Contents

- 1080p 4-Port HDMI Extending Splitter Transmitter
- Power adapter
- Wallmounting brackets
- Quick Instruction Guide

