



## 1080p 4-Display HDMI Video Wall Matrix

Switch/Splitter Matrix, Video Wall Function, Four Inputs and Four Outputs, Manual or GUI Interface, Video Bandwidth Amplifier, IR, RS232 and IP Control, Black  
Part No.: **207928**

Easily create a massive screen with four displays or connect four HDMI sources to four displays.

The Manhattan 1080p 4-Display HDMI Video Wall Matrix provides the option of using four displays as one super display or connecting as many as four HDMI video sources — including gaming consoles, Blu-ray players, satellite receivers, digital recorders, set-top boxes and other devices — to up to four High-Definition (HD, 1080p) displays and Deep Color HD projectors.

### Flexible Solution for Many HD Applications

Perfect for a variety of home or commercial applications, the Manhattan 1080p 4-Display HDMI Video Wall Matrix has manual selection switches and a convenient IR remote but also includes options for IP and RS232 control so you can quickly select or switch between HDMI sources and displays.

### Best Possible Image Quality

The Manhattan 1080p 4-Display HDMI Video Wall Matrix is HDMI compliant and delivers a stunningly clean, crisp and vivid picture up to 1080p resolution on one, two, three or four displays thanks to an integrated video bandwidth amplifier. Additionally, it supports HD-quality video, as well as LPCM audio.

### Features:

- Creates a four-display video wall (2x2) or shares up to four HDMI sources between four displays
- Video Wall Function splits one HD source into four quarters and outputs them onto four displays, creating one large display
- 4x4 Matrix function splits four HD sources into any of the four displays
- Bezel control in video-wall function supports calibration of each display to the correct output and optimal source viewing
- Supports 1080p resolution as well as Deep Color (24-bits/pixel)
- Integrated video bandwidth amplifier
- 1080p resolution and Deep Color
- Remote and manual controls for easy and convenient display/source selection; seamless switching eliminates any delay or lag between source selection and display output
- Built-in serial (RS232) and IP (RJ45) ports give additional options for controlling more

complex display setups

- Works with PlayStation and Xbox game systems, Blu-ray players, set-top boxes, satellite receivers and more
- 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

- HDMI 1.3
- CE
- FCC
- RoHS2

### General

- Source-to-matrix range: up to 15 m (49 ft.)
- Matrix-to-display range: up to 15 m (49 ft.)
- Power: 12 VDC @ 3 A ; AC power adapter, 0.9 m (2.9 ft.)

### Connections

- Four HDMI female, 19-pin (output)
- Four HDMI female, 19-pin (input)
- One Ethernet female, RJ45 (input)
- One Serial female, RS232 (input)
- One 12 VDC power female, OD 5.5 mm / ID 2.1 mm (input)

### Signal Input/Output

- Input video signal: 400 – 600 mV
- Input DDC signal: 5 V p-p (TTL)
- Maximum single-link range: 2.25 Gbps and 1080p resolution
- Output video: HDMI 1.3
- Frequency: 2.25 Gbps / 225 MHz

### Video Resolutions

- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p@60Hz

### Physical

- LED indicators: power and port connection
- Control buttons
- On/off switch
- Built-in heat sinks and dual cooling fans
- Power adapter: 12 VDC / 2 A; 0.9 m (2.9 ft.)
- Dimensions: 437 x 220 x 22.5 mm (17.2 x 8.7 x 1.8 in.)
- Weight: 2.8 kg (6.2 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-Display HDMI Video Wall Matrix
- Remote Control
- Power Adapter
- Rackmounting tabs (two); screws (six)
- Quick Instruction Guide
- CD

