1080p HDMI KVM over IP Extender Kit

Extends a 1080p@60Hz HDMI Signal up to 120 m (394 ft.) over a Cat6 Cable or an IP-enabled Network, USB-A Ports for PC/Mouse/Keyboard on Transmitter and Receiver, Black

Part No.: 208413

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HDMI over IP Extender with KVM function - Remote access via HDMI display, USB keyboard and mouse

The Manhattan 1080p HDMI KVM over IP Extender Kit lets you access any computer (or other HDMI source) from a keyboard, mouse and display up to 120 m (394 ft.) away. You can either make a direct connection through a single RJ45 Ethernet cable (Cat6 or higher recommended for maximum range and performance) or you connect it to a switch in your existing network to overcome distance limitations.

Versatile Connectivity Options

Use this HDMI over IP Extender with KVM function as a regular HDMI extender or as an HDMI KVM switch. As an extender, the HDMI and Ethernet ports can send up to 1080p@60Hz (1920 × 1080) HDMI from your NVR/DVR, Blu-ray player, set-top box or game console to a remote display. As a full-control HDMI KVM switch, both modules also feature USB-A ports that connect your PC, laptop or MacBook® to the transmitter and your keyboard/mouse to the receiver. Since the HDMI KVM extender is independent of your OS, you can use any computer you choose as your remote workstation. This flexibility makes it ideal for in-store POS (Point of Sale) systems and digital cash desks with touchscreens. Built-in mounting brackets on both modules are that let you tidily install its rugged metal housing on the wall or ceiling.

Features:

- Controls a remote HDMI and USB-A equipped computer from a local

display, keyboard and mouse
- Extends HDMI and USB signals up to 120 m (394 ft.) over a single Cat6 Ethernet Cable or to an unlimited range over an IP-enabled network
- Resolutions up to Full HD 1080p@60Hz (1920 × 1080)
- Ideal for POS (Point of Sale) systems in stores or digital cash desks with touchscreens
- Reset button on both units to adjust signal to cable length
- Plug and play - requires no software installation or configuration
- Supports 3D Video
- Works in existing network infrastructures via TCP/IP
- Supports lossless LPCM 8 channel uncompressed audio formatting and 7.1 surround sound
- Rugged metal housing for maximum durability
- Built-in mounting brackets for a tidy installation on wall or ceiling
- HDMI, USB-A and Ethernet cables not included; available separately from Manhattan and Intellinet Network Solutions
- For additional distance capabilities, use a 15 m (50 ft.) Manhattan High Speed HDMI Cable with Ethernet on both transmitter and receiver
- Works independently of computer operating systems
- Fully HDCP 1.4 compliant, backward compatible
- Three-year warranty

Specifications:

Standards and Certifications
- CE
- FCC
- RoHS
- REACH
- UKCA
- HDMI 1.3
- HDCP 1.4
- USB 1.1

General
- Supported resolutions: 480p/720p/1080i/1080p (Cat6 or higher Ethernet cable recommended for maximum distance and resolution)
- Max. video bandwidth: 1.65 Gbps/165MHz per channel (4.95 Gbps all channels)

Connections/buttons
- Receiver
  - 1 x HDMI female 19-pin
  - 2 x USB-A female 4-pin (for mouse and keyboard)
  - 1 x DC 5.0 V input
  - 1 x RJ45 female
  - Reset button

   - USB switch button
• Transmitter
   - 1 x HDMI female 19-pin
   - 1 x USB-A female 4-pin (for computer)
   - 1 x DC 5.0 V input
   - 1 x RJ45 female
   - Reset button

LEDs
• Power
• Link/activity
• USB connections

Electrical
• Two DC power adapters, 1.2 m (4 ft.) cables
  - Input: 100.0 - 240.0 VAC, 50 - 60 Hz; 0.4 A
  - Output: 5.0 VDC; 1.0 A
• Power consumption max.: 3.5 W (transmitter) / 2.0 W (receiver)

Physical
• Dimensions per module (L x W x H): 112 x 104 x 23 mm (4.41 x 4.09 x 0.91 in.)
• Net weight: 430 g (0.95 lbs.)
• Gross weight: 840 g (1.85 lbs.)
• Housing: metal

Operating Environment
• Operation temperature: 0 - 50°C (32 - 122°F)
• Storage temperature: -20 - 60°C (-4 - 140°F)
• Humidity (non-condensing): 5 - 90%

Package Contents
• 1080p HDMI KVM over IP Extender Kit
• Two DC power adapters, 1.2 m (4 ft.) cables
• Instructions