



# HDMI 1.2 Cat5e/Cat6 Extender

**Extends 1080p signal up to 100 m (328 ft.)**

**Model**  
177269

**Easily extend a high-definition signal using Cat5e or Cat6 cables.**

The MANHATTAN® HDMI 1.2 Cat5e/Cat6 Extender lengthens long distance HDMI (high-definition multimedia interface) transmissions from HD DVD or Blu-ray player, satellite receiver, digital recorder, set-top box, game console and other HDMI sources using Cat5e or Cat6 cables.

## **Flexible Solution for Many A/V Applications**

Ideal for trade shows, classrooms, home theater, conference rooms, business office and retail applications, the MANHATTAN HDMI 1.2 Cat5e/Cat6 Extender boosts and extends a 1080p signal up to 100 m (328 ft.) for convenient display or projector placement. Less expensive, easier to install and readily available, Cat5e or Cat6 twisted-pair cables, when combined with the HDMI 1.2 Cat5e/Cat6 Extender, help provide additional protection from external interference over longer distances and customized lengths without signal degradation.

## **Quality Construction and Easy Installation**

Fully HDCP compliant with HDMI 1.2a, HDCP 1.0, 1.1 and DVI 1.0 ensures that the MANHATTAN HDMI 1.2 Cat5e/Cat6 Extender provides long, reliable service in many installations. Quickly connect Cat5e or Cat6 cables (not included) and the power supply without software or hardware configuration or complicated settings to complete an affordable extended HDMI application.

## **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all MANHATTAN products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





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## Features

- Delivers a sharp, clear signal from DVD and Blu-ray players, set-top box, satellite receiver and other sources
- Fully HDCP compliant to protect high-definition content transmission and ensure quality reception
- Cat5e/6 cable substitutes HDMI cable to achieve long distance transmission
- Supports the video amplifier bandwidth up to 1.65 Gbps for 1080p display
- Easy to install — requires no configuration
- Lifetime Warranty

## Specifications

### STANDARDS AND CERTIFICATIONS

- HDMI 1.2a
- HDCP 1.0 / 1.1
- DVI 1.0
- CE
- FCC
- UL

### GENERAL

- Cat6 cable 1080p at 50 m
- Cat6 cable 480p at 100 m
- Power: 5 V DC / 2 A; cable with ferrite core, 1.2 m (4 ft.)

### CONNECTIONS

- (1) HDMI female (input/output)
- (2) RJ45 female (output/input)

### SIGNAL INPUT/OUTPUT

- Input video signal: 0.5 – 1.0 V p-p
- Input DDC signal: 5 V p-p (TTL)
- Maximum single-link range: 1920 x 1200, 1080p
- Output video: HDMI 1.2a, HDCP 1.0 / 1.1, DVI 1.0
- Frequency: 1.65 Gbps / 140 MHz

### VIDEO RESOLUTIONS

- VGA: 640 x 480, 800 x 600, 1024 x 768, 1920 x 1200
- DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p

### PHYSICAL

- Dimensions: 45 x 25 x 81 mm (1.7 x 1 x 3.2 in.)
- Weight: 246 g (8.6 oz.)

### PACKAGE CONTENTS

- HDMI Extender (receiver and transmitter modules)
- Power adapter and user manual

For more information on MANHATTAN products, consult your local dealer or visit [www.manhattan-products.com](http://www.manhattan-products.com).



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MH-177269-DS-0908-01