



HDMI repeater, 4K/60Hz



Quick Installation Guide

DS-55521

1. Introduction

Extend your HDMI signal up to an additional 20 m. The repeater also offers: 8 m with a resolution of 4K/60Hz (4:4:4), 15 m with 4K/60Hz (4:2:2) and 20 m with Full HD, 1080p/60Hz

2. Features

- 1x HDMI input - Connection signal source
- 1x HDMI input - Connection output display
- Signal extension: 8 m - 4K/60Hz (4:4:4)
- Signal extension: 15 m - 4K/60Hz (4:2:0)
- Signal extension: 20 m - Full HD, 1080p/60Hz
- HDMI 2.0b
- HDCP 2.2 / 1.x

3. Package content

- 1x HDMI repeater
- 1x QIG

4. Specifications

Technical	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18 Gbps
Video Resolution	Up to 4k2k@60Hz YUV 4:4:4
Color Depth	8-bit,10-bit,12-bit (1080p@60Hz) 8-bit (4K2K@60Hz YUV4:4:4) 8-bit,10-bit,12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)
Color Space	RGB, YCbCr 4:4:4, YUV 4:4:4, YCbCr 4:2:2/4:2:0
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dollby-TrueHD, DTS HD
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection	
Input	1x HDMI Type A [19-pin female]
Output	1x HDMI Type A [19-pin female]
Mechanical	
Housing	Plastic Enclosure
Color	Black
Dimensions	48.6mm[W] x 25mm[D] x 15mm[H]
Weight	13g
Power Supply	HDMI
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

5. Operation Controls and Functions



1	HDMI IN	HDMI input port, connect to HDMI source device such as DVD or PS3 with an HDMI cable.
2	HDMI OUT	HDMI output port, connect to HDMI display device such as TV or monitor with an HDMI cable.

6. Application Example



1	PC	2	HDMI Cable
3	Repeater	4	TV

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