



HDMI IP Extender Set, Full HD



Quick Installation Guide

DS-55517 - DS-55518

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1. Introduction

DS-55517:

The HDMI Extender Set is a powerful video distribution system that consists of one transmitter/receiver unit. It extends Full HD AV signals using a CAT6 network cable (point-to-point connection) up to 120 m. In addition, using network switches and the individual receiver units (DS-55518), you can distribute your video content over up to 253 displays via the already existing network (IP connection) and extend them over an unlimited distance. The additional integrated unidirectional IR interface enables remote control of the input source from the output screen (receiver side).

DS-55518:

Expand the HDMI IP Extender Set (DS-55517) with additional receiver units to reproduce your AV content on multiple monitors at the same time. The set extends Full HD AV signals using a CAT6 network cable (point-to-point connection) up to 120 m. In addition, using network switches and the individual receiver units (DS-55518), you can distribute your video content over up to 253 displays via the already existing network (IP connection) and extend them over an unlimited distance.

2. Feature

1. Extends Full HD AV signals with a CAT6 cable over an unlimited distance via the existing local network infrastructure or commercial network switches
2. Extends Full HD AV signals with a CAT6 cable up to 120 m (point-to-point connection)
3. Supports resolutions of up to 720p/1080i/1080p
4. Supports CAT 5e, 6, 6A, 7, 8 network cables
5. IR interface enables remote control of the input source from the output screen
6. HDCP 1.3
7. Video bandwidth: 1.65 Gbps

3. Package Content

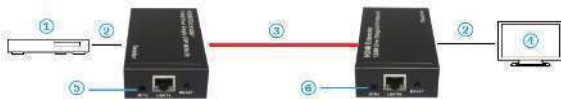
- 1x Transmitter unit
- 1x Receiver unit
- 1x IR transmission cable (1.2 m)
- 1x IR receiver cable (1.2 m)
- 2x Power adapter (DC 5V/2A, 1.15 m)
- 1x Mounting material
- 1x User manual

4. Specifications

Signal Input	HDMI Signal
Input Video Signal	0.5-1.0volts/p-p
Output Video	HDMI Signal
Transmission Distance (via Cat6 cable)	120m@1080p
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	Max up to 1.65Gbps/165MHz
Interlaced (50&60Hz)	1080i
Progressive(50&60Hz)	720p,1080p
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to +50°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Supply	5V DC @2A
Power Consumption (Max)	8W
Extender Unit Cert.	FCC, CE, RoHS
Power Supply Cert	CE,FCC, RoHS
Power Adapter	US,UK,EU,AUS Standard etc

6. Application Example

1. Simple Mode:



2. Allocation Mode:



3. Infinity Mode:

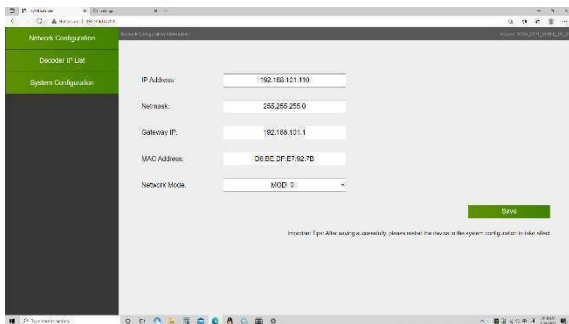


1. DVD	2. HDMI Cable	3. CAT 5e/6 Cable
4. HDTV	5. IR Tx	6. IR Rx

6.1 Note:

The IP address of the sender is fix to 192.168.101.110 and the IP address of the receiver is random.

The background IP address of the sender is shown below:



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