



Zenty | Professional A/V Solution Provider

User Manual [v1.0]



1080P HDMI over IP Daisy Chain Extender

ZT-103 | ZT-IP251

ZENTY®

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HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE



Table of Contents

1. Introduction	3
2. Key Features	3
3. Specifications	3
4. Panel Description	4
5. Connection and Operation	5
6. Typical Application.....	5
7. Maintenance	6
8. Warranty.....	6
9. Mail-In Service.....	6
10. Limited Warranty Limits and Exclusions	6

1. Introduction

The Zenty ZT-IP251 HDMI extender over TCP/IP with Daisy Chain capabilities allows customers to extend their 1080P HDMI signal via single CAT5e/6 cable up to 393ft. Users also have the ability to daisy chain one receiver to another via Ethernet to share the source signal from the transmitter. This method saves users on long Ethernet cable runs and costs, simplifies installation, and reduces the number of break points in your AV over IP setup.

2. Features

- Transmit an HDMI signal over single Cat5e/6 cable up to 393ft.
- Supports up to full HD 1080P resolution
- Supports TCP/IP protocol
- Cascade function by adding more receivers
- HDMI 1.4 | HDCP 1.4 compliant

3. Specifications

Operating Temperature Range	-10°C ~ 45°C (14°F ~ 113°F)
Operating Humidity Range	5 to 90%RH (No condensation)
Max Resolution	1080P 60Hz
Protocols	HDMI 1.4 HDCP 1.4
Audio Sampling Rate	44kHz and 48kHz
Transmission Distance	393ft. over single Cat5e/6
Power Consumption	Transmitter: 2.5W (Max) Receiver: 2.5W (Max)
Dimensions (L x W x H)	124.6mm x 84mm x 27mm 4.90" x 3.31" x 1.06"
Net Weight	Transmitter: 240g 0.53lbs Receiver: 240g 0.53lbs
TX Default IP Address	192.168.168.55
RX Default IP Address	192.168.168.56

4. Panel Description

Transmitter Panel



- ① Power input port
- ③ Reset button

- ② HDMI input
- ④ Cat5e/6 output

Receiver Panel



- ① Power input port
- ③ Reset button
- ⑤ Cat5e/6-1

- ② HDMI output
- ④ Cat5e/6-2

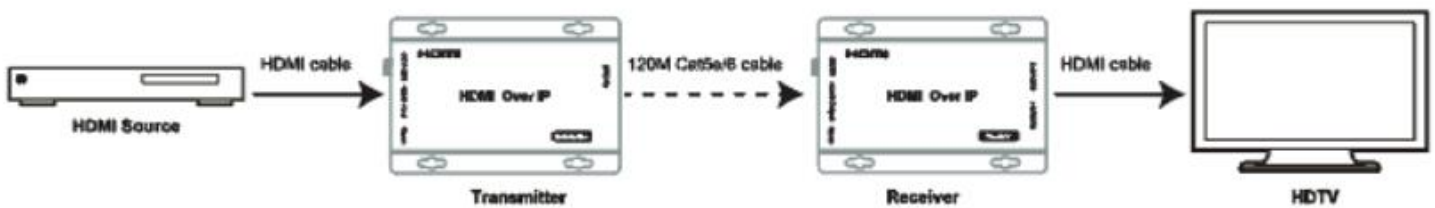
5. Connection and Operation

- Connect the HDMI input source device to the Transmitter
- Connect a CAT5e/6 cable from the ethernet output port of the Transmitter to ethernet port 1 or 2 on the receiver
- Connect the HDMI display to the receiver
- For cascading function, connect an ethernet cable from the unused ethernet port of one receiver to the next

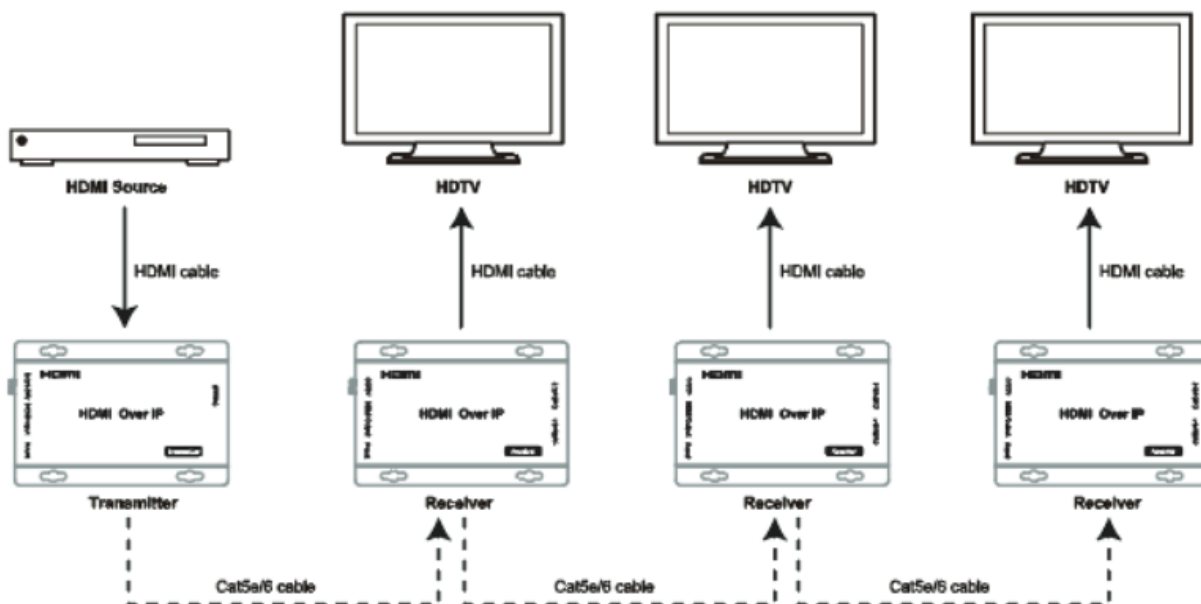
6. Typical Application

TYPICAL APPLICATION

1. Unicast



2. Unlimited cascade connection



7. Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzene to clean.

8. Warranty

If your product does not work properly because of a defect in materials or workmanship, our company (referred to as “the warrantor”) will, for the length of the period indicated as below, “Parts and Labor (5) Years”, which starts with the date of original purchase (“Limited Warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” limited warranty period, there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

9. Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

10. Limited Warranty Limits and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in material or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributed to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER “LIMITED WARRANTY COVERAGE”. THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.



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