



**Zenty | Professional A/V Solution Provider**

## User Manual [v1.0]



**1080P One to Many HDMI over Ethernet Extender 400ft.**

**ZT-122 | ZT-EX400**

ZENTY ®

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# 1. Features

- Uses off-the-shelf gigabit IP switches for extension and distribution
- Extends 1080P 60Hz HDMI signals up to 400ft. over a single UTP CAT5e/6 cable
- Multitasking and broadcasting architecture, adding more displays without adding LAN bandwidth loading
- Supports point-point, point-many, and many-many network configuration
- Wideband IR (38-56kHz) control to the source
- Can be cascaded for many layers by adding ethernet switches

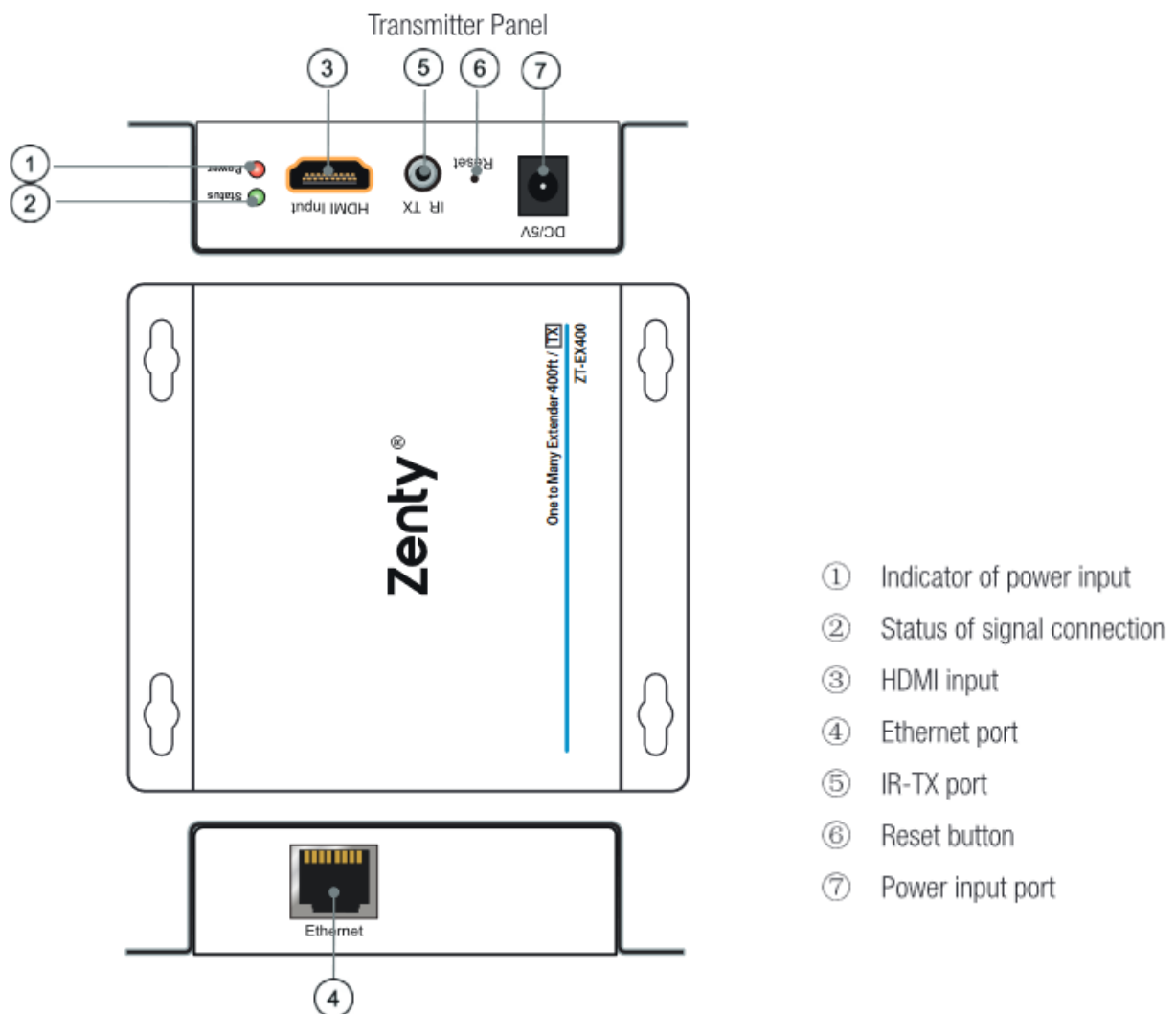
# 2. Specifications

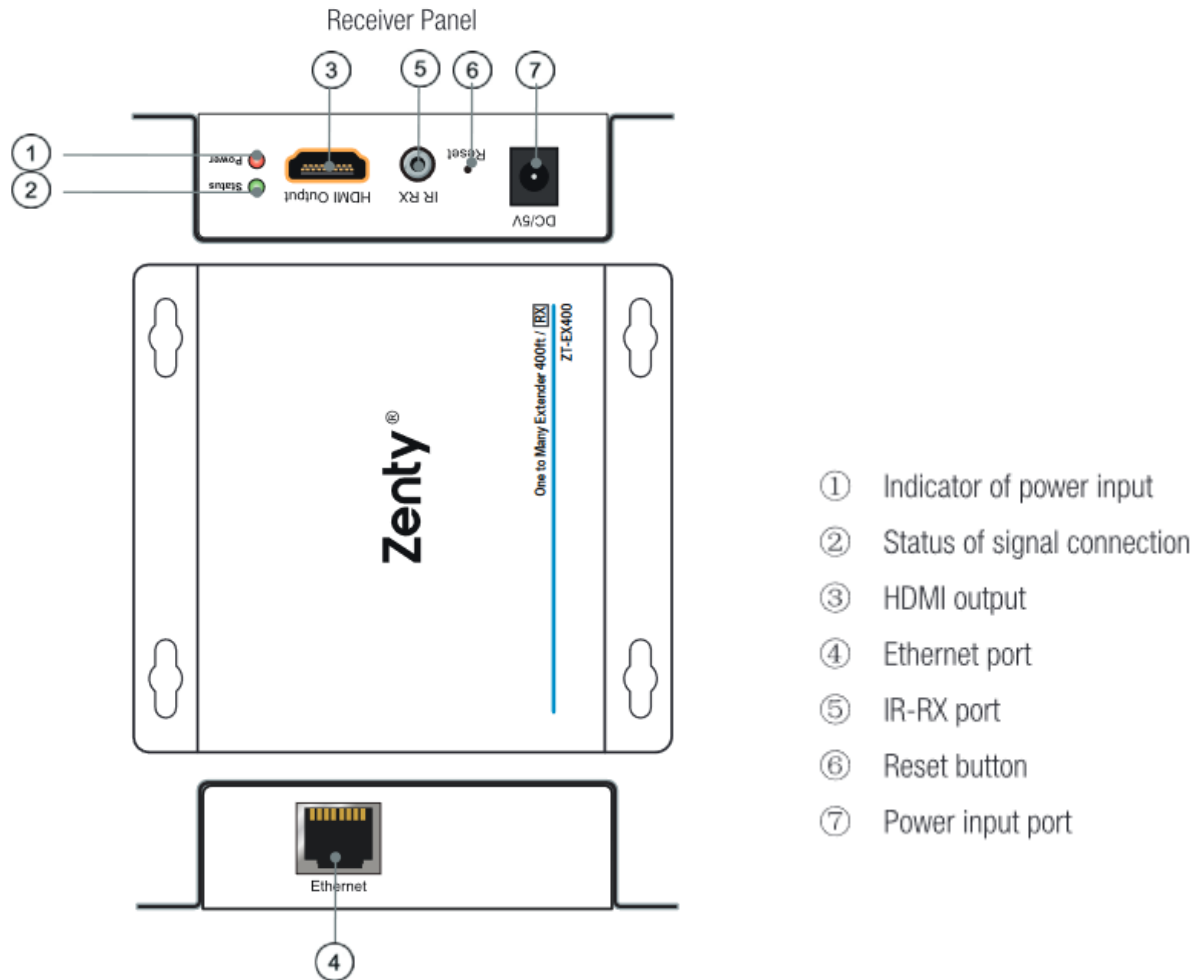
Operating Temperature Range	-5°C ~ 35°C   23°F ~ 95°C
Operating Humidity Range	5 - 90% RH (Non-condensing)
Input Video Signal	0.5 - 1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Supported Video Formats	DTV / HDTV: 480i / 576i / 480P / 576P / 720P / 1080i / 1080P
Video Output	HDMI
Transmission Distance	1080P 8-bit: Up to 400ft. over single CAT5e/6 / 24AWG / Solid
Power Consumption	Transmitter: 3W (Max) Receiver: 3W (Max)
IR Frequency	38 - 56khz
Dimensions (L x W x H)	103.5mm x 93.5mm x 24.6mm 4.07" x 3.68" x 0.97"
Net Weight	Transmitter: 0.49lbs Receiver: 0.49lbs
Transmitter	Default IP: 192.168.168.55 MAC Address: 00:0b:78:00:60:01
Receiver	Default IP: 192.168.168.56 MAC Address: 00:0b:78:00:60:02

### 3. Package Contents

- (1) x Transmitter and Receiver
- (2) x DC5V 1A Power Adapters
- (1) x IR TX and IR RX cable
- (1) x User Manual

### 4. Panel Descriptions

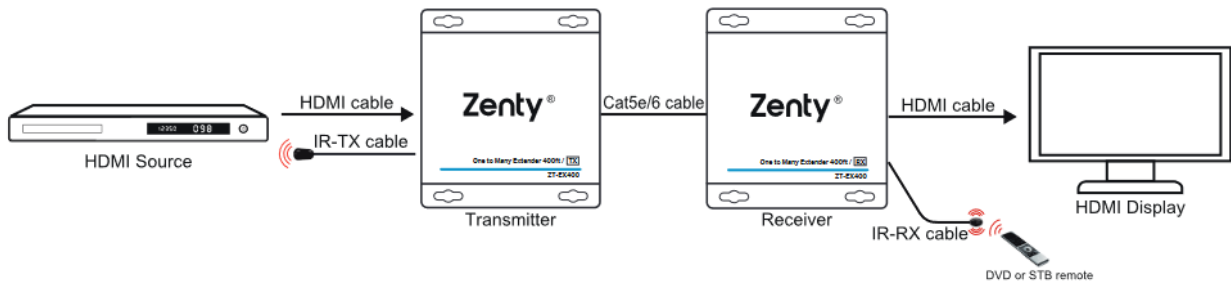




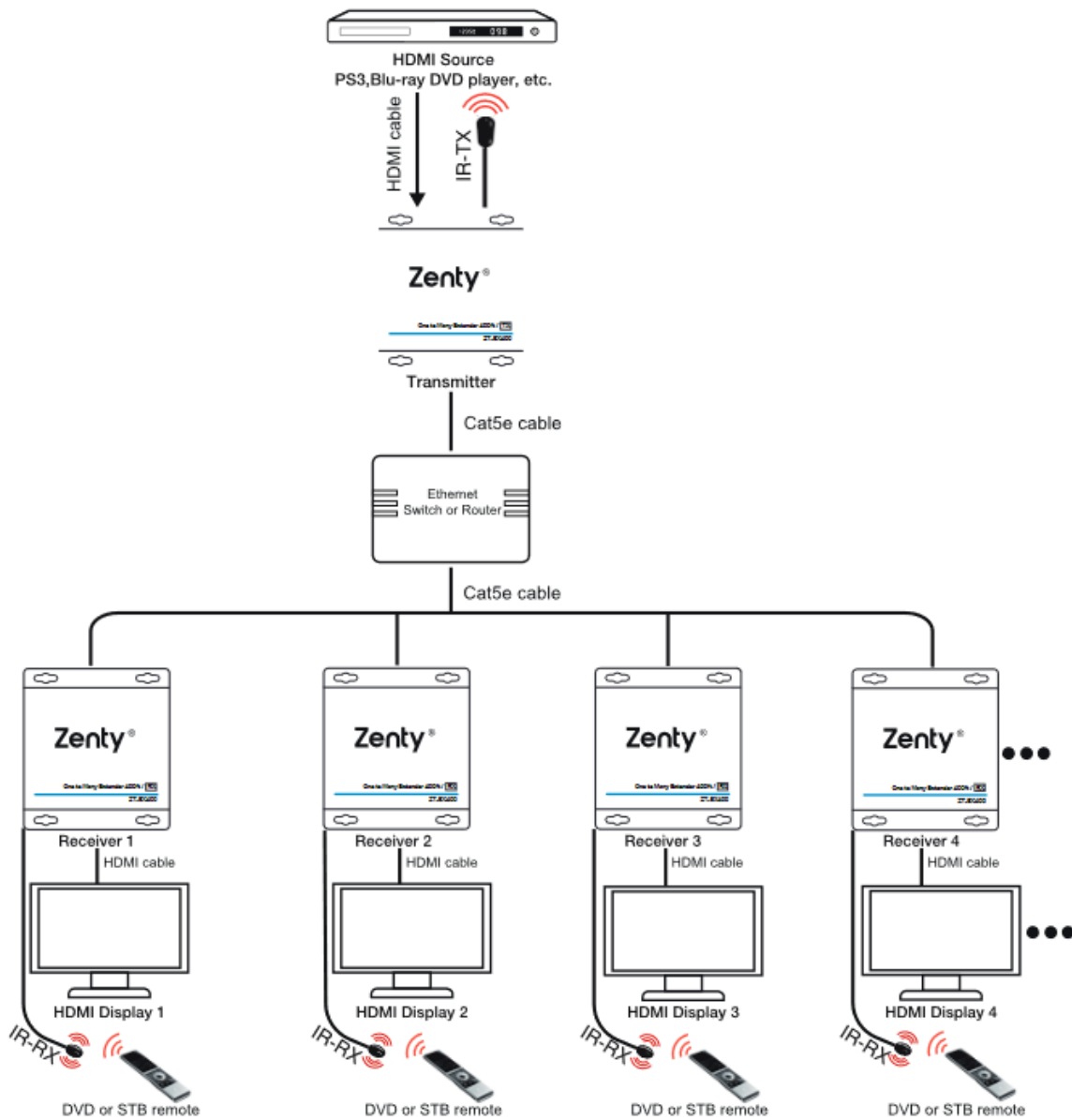
## 5. Connecting and Operating

- Connect the HDMI signal source to the transmitters HDMI port
- Connect a CAT5e/6 cable to both the transmitter and receivers ethernet ports. (Cable must follow the standard of EIA-TIA 568B).
- Connect the HDMI display to the receivers HDMI port.
- Plug in the power supply for both the transmitter and the receiver.
- Connect the IR TX cable to the transmitters IR port, and the IR RX cable to the receivers IR port.

## 5.1 One-to-one Function



## 5.2 One-to-many Function



## 6. Maintenance

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

## 7. 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.

## 8. 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.

## 9. 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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