

## Introduction

TTP111HD is an HD-TVI, AHD, HDCVI, CVBS video balun that can use twisted pair cable to send the signal up to 400M, with resolution up to 4K (8MP). Additionally, the balun has a built-in ESD, EFT, and surge protector, allowing the unit to have a longer product lifespan.

## Features

- Resolution up to 4K (8MP)
- Signal extension up to 400M over UTP CAT5e/6.
- Male BNC to terminal block design.
- No power required.
- Built-in ESD, EFT (impulse noise) and transient protection.
- Compact size, and rack mountable..

## Installation View



## Transmission Distance Chart

HD-TVI	AHD	HDCVI	CVBS (NTSC/ PAL)
150M@4K(8MP)	200M@4K(8MP)	250M@4K(8MP)	400M
150M@5MP	200M@5MP	250M@1080p	
150M@1080p	200M@4MP		
	200M@1080p		

## Panel View



## Specification

ITEM NO.	TTP111HD
Support	
Video Format	HD-TVI, AHD, HDCVI, CVBS
Compliance	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5
Max. Video Resolution	8MP (4K)
Transmission Distance	HD-TVI 150M@8MP AHD 200M@8MP HDCVI 250M@8MP CVBS 400M@NTSC/ PAL
Bandwidth	50Hz to 60MHz (-3dB)
Ports & Interfaces	
Video Input/ Output	1 x BNC (1V p-p, 75Ω)
Link Interface	1 x RJ45 (UTP)
Protection	
ESD Protection	30 KV(Air), 15 KV (Contact)
EFT Protection	40A(5/50ns)
Lightning Protection	2A (8/20μs)
Response Time	<1 nS
Ambient Temperature	
Operation	0 to 55°C
Storage	-20 to 85°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	15.5 x 30.8 x 16.5mm
Weight	15g