

Introduction

TTP111HDL is a video balun that can use a single cost-effective twisted pair cable to extend HD-TVI/ AHD/ HDCVI/ CVBS signal and power, with the transmission distance up to 400M and the resolution up to 4K (8MP). The pigtail design allows you to have an easier, faster connectivity experience.

Besides, the balun has built-in ESD, EFT, and surge protection components, allowing the unit to have a longer product lifespan.

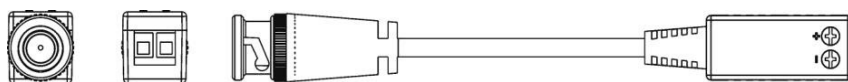
Features

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

Installation View



Panel View



Transmission Distance Chart

The distance may be affected by the quality of cable, camera, DVR.

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

Specification

ITEM NO.	TTP111HDL
Support	
Compliance	IEC 61000-4-2, IEC 61000-4-4, IEC 61000-4-5
Video Format	HD-TVI, AHD, HDCVI, CVBS
Max. Video Resolution	8MP (4K)
Max. Transmission Distance	400M over UTP (Unshielded Twisted Pair) CAT5e/CAT6
Bandwidth	50Hz-60MHz (-3dB)
Ports & Interfaces	
Video Input	1 x BNC Male (1V p-p, 75Ω)
Video Output	1 x Terminal (RJ45)
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 16.8 x 143mm
Weight	20g