

标 记	数 量	更改单号	签 名	日 期

材质:157G铜板纸,双面彩色印刷,表面过亮胶,英文,环保

正面

: Specification

UTEPO®

Function	Channels	one channel(video+camera power)
	Transmission distance	0-300m
Video&Connectors Properties	Video Connector	BNC-M
	UTP Connector	RJ45
	Compatible with	HDCVI/HDTVI/AHD/CVBS Video
	Signal Transmitting Band	0-70MHz
	Interference Rejection	>60dB
Power	Power Connector	2.1/5.5mm DC Jack
	UTP Cable Connector	RJ45
	Voltage Range	DC 12V ~ 36V
	Maximum Current	1A
Protection	ESD	Contact Discharge:6KV Air Discharge:8KV Per : IEC61000-4-2
	Surge	2KV(differential-mode) , 4KV(commom-mode) Per : IEC61000-4-5
Physic Properties	Size	Body Size:65x36x23mm, Cable Length : 60mm
	Material	ABS Engineering Plastic
	Color	Black
Environmental	Operation Temperature	0-55°C
	Storage Temperature	-40-85°C
	Relative Humidity	0-95% (non-condensing)

Voltage Drop according to Transmission Distance

Transmission Distance	Transmission Voltage (Output 12VDC/0.3A)	Transmission Voltage (Output 12VDC/0.5A)	Transmission Voltage (Output 12VDC/1A)	Video Compatibility
50m	13V	13.7V	15.5V	HDCVI-720P/1080P;CVBS; HDTVI-720P/1080P;AHD-L/AHD-M
100m	14V	15.5V	18.7V	
150m	15V	17V	22V	
200m	16V	18.7V	25.5V	HDCVI-720P;HDTVI-720P/1080P; AHD-L/AHD-M;CVBS
250m	17V	20.5V	28.7V	
300m	18V	22V	32V	

▶▶▶ Tel:400-700-5088
www.utepo.com

1ch Power&HD Video UTP Transceiver
UTP101PV-HD

Compatible with HDCVI / HDTVI / AHD / CVBS

CEFC

ROHS

MADE IN CHINA

<p style="font-size: 18px; font-weight: bold; color: blue;">深圳市优特普科技有限公司</p>				产品名称	UTP101PV-HD彩卡(UTP英文)	幅 面	A4	设 计	
				物料编号	13.238.101.1044	比 例	1:1	审 核	
				产品材质		单 位	mm	标准化	
版 次	V1.1	页 码	1 / 2	数量		视 角		批 准	

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背面

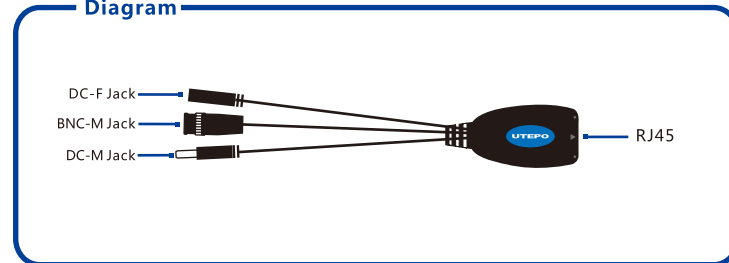
Description

The device is passive(non-amplified) video balun that allows transmission of real-time HDCVI/HDTVI/AHD/CVBS video and low voltage power over UTP cable. In practical applications, the product used in pairs.Both of them have BNC-M and RJ-45 jack for video signal.In addition, the product features a female DC plug to connect power adapter and features a male DC plug to output power for camera.

Features

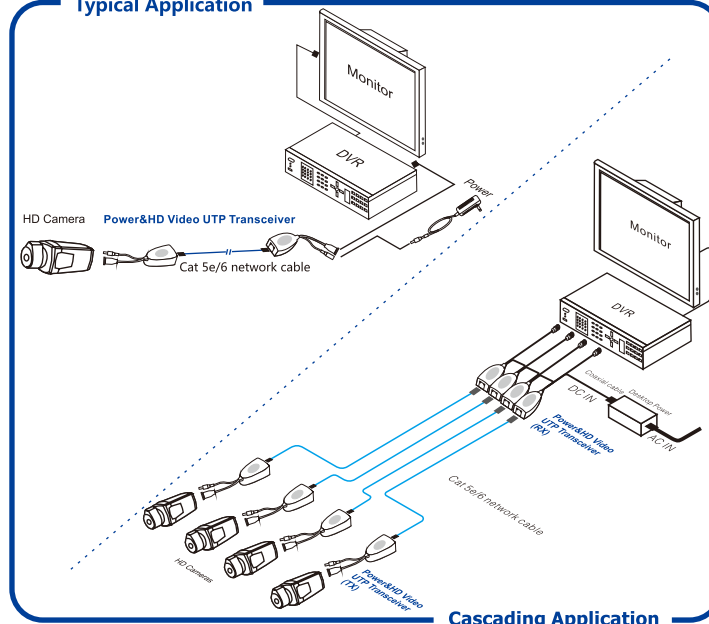
- Transmit video and provide camera power at the same time.
- HDCVI,HDTVI,AHD,CVBS signal 4 in 1 compatible design.
- Transmission distance as below:
 - 1) HDCVI 1080p:100m; HDTVI 720p/1080p:150m.
 - 2) HDCVI 720p:300m; AHD-L/AHD-M/AHD-H:300m.
 - 3) CVBS:300m.
- over-current protection.
- Suitable for concentrated wiring.
- Super reliability&surge protection.
- DC loop output, extensible power output.

Diagram



Application Range

Typical Application



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