

## UTP101AR-HD2



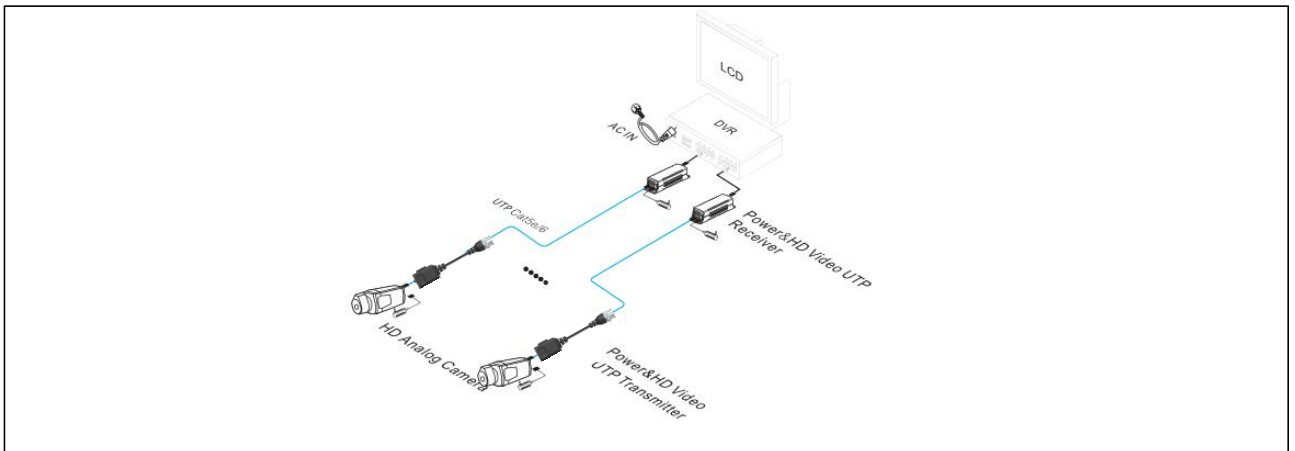
- Power supply: 12 ~ 20V DC / 9 ~ 24V AC.
- Transmission signal: HDCVI, HDTV, AHD, CVBS signals 4 in 1 full compatible design.
- Transmission distance: 0 ~ 750m (work with passive balun and active receiver ).
- Major function: Adopt twisted-pair to transit video, switch adjust transmission distance.
- Safety Performance: Power high anti-interference, superior surge immunity, ESD protection and anti-interference ability, wide-voltage DC/AC input.
- Mechanics: Combined connection available, optional MIT rack, which satisfy multi channels centralized application.
- Transfer video signal in real-time via twisted-pair, active video transmission solution, max.750m transmission distance.



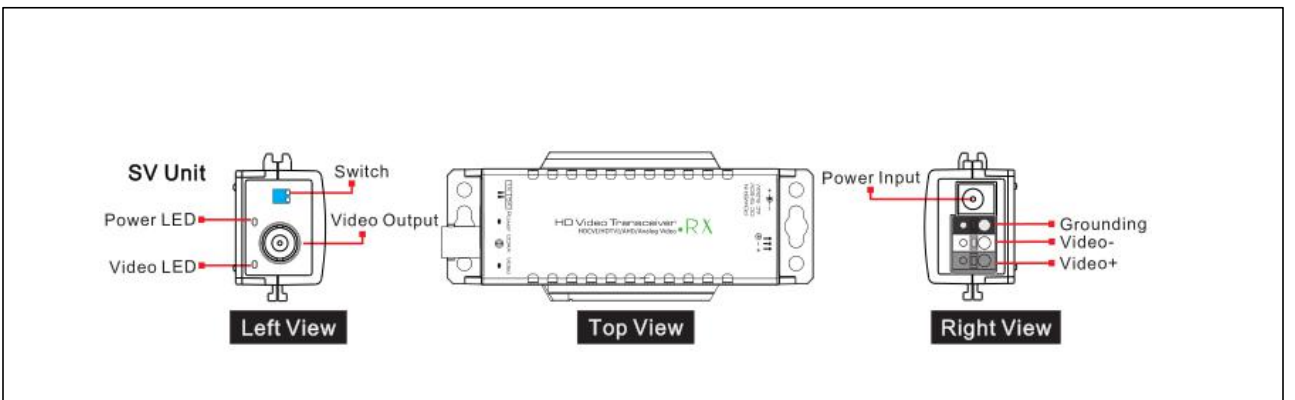
## Introduction

The 1ch HD analog video UTP receiver transfers real-time analog video signal up to 750m through Cat5/5e/6 cable. It is compatible with analog video signals of CVBS, HDCVI, HDTV, and AHD. The receiver consists of SV unit connecting with DVRs and RM unit with cameras. It features protections of surge immunity and ESD immunity. The receiver with small volume and joinable design fits easily in many locations. (e.g., villa, super market, office, hotel)

## Application



## Interface drawing



Specification

Item		Parameter
		Receiver
Function	Transfer Signal Number	1ch Video
	Transmission Distance (Max.)	<b>HDCVI</b> -720P: 550m. 1080P: 250m. 400W(4MP): 350m. <b>HDTVI</b> -720P: 350m. 1080P: 350m. 4MP: 100m. <b>AHD</b> -720P: 600m. 1080P: 600m 400W(4MP): 500m. 500W(5MP): 300m. <b>CVBS</b> -600 line: 750m.
Power Supply	Voltage Input	DC12-20V or A C9-24V
Video Transmission Performance and Connector	Video Connector	1×BNC(Male)
	Cable Port	1×3 Pin Terminal
	Compatible Video Type	HDCVI、HDTVI、AHD、CVBS Signal
	Transfer Bandwidth	0 ~ 75MHz
	Signal Indicator	Yellow Solid on: Power input normal
		Green Solid on: Signal input normal
Anti-interference	>60dB	
Protection	Surge Protection of Coaxial Port	2 KV Differential-mode 2KV Common-mode Per: IEC61000-4-5
	Surge Protection of Line Connector	Signal Line-pair: 2 KV Differential-mode 2KV Common-mode Per :IEC61000-4-5
	ESD Protection	1a Contact Discharge 6 KV 1b Air Discharge 8KV Per :IEC61000-4-2
Operation Environment	Working Temperature	-10 ~ 55°C
	Storage Temperature	-45°C~75°C
	Humidity ( Non-condensing )	0 ~ 95%
Mechanical	Dimension(L*W*H)	113mm×45.5mm×29mm
	Out Shell	Refractory ABS Plastics
	Color	Black
	Weight	65g

Package List

Receiver Package List	Quantity
UTP101AR-HD2	1
User Manual	1