1ch HD Video Active Receiver

Real-time transmission distance up to 500m (1200m with active Transmitter)

Datasheet: VER2.0

UTP-AR-HD2

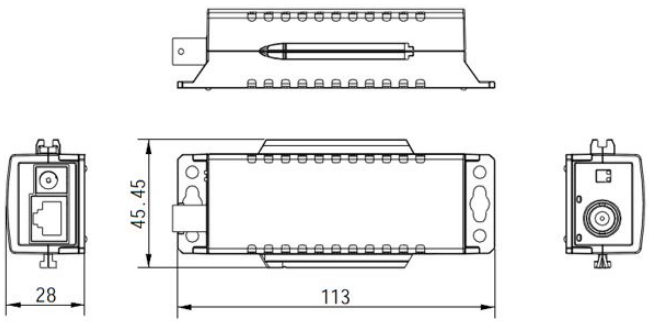
- Transmission signal: HDCVI, HDTVI, AHD, CVBS signals 4 in1 full compatible design;
- Transmission distance: 0 ~ 500m (1200m work with active receiver);
- Adopt twisted-pair to transit video
- Safety Performance: Power high anti-interference, superior surge immunity, ESD protection
- and anti-interference ability, wide-voltage DC/AC input;
- Mechanics: Combined connection available, optional MIT rack, which satisfy multi channels
- Power supply:12 ~ 20V DC / 9 ~ 24V AC

CE FC

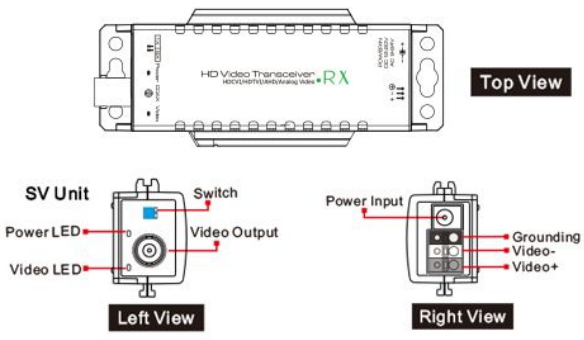
Introduction:

The 1ch HD analog video UTP transceiver transfers real-time analog video signal up to 1200m through Cat5/5e/6 cable. It is compatible with analog video signals of CVBS, HDCVI, HDTVI, and AHD. The transceiver consists of SV unit connecting with DVRs and RM unit with cameras. It features protections of surge immunity and ESD immunity. The transceiver with small volume and joinable design fits easily in many locations. (e.g., villa, super market, office, hotel)

Dimensions:



Interface drawing



Specification

Item		Parameter	
		Transmitter	Receiver
Function	Transfer Signal Number	1ch Video	
	Transmission Distance (Max.)	500m with passive Balun / 1200m with active Transmitter	
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 T erminal	
	Compatible Video Type	HDCVI, HDTVI, AHD, CVBS Signal	
	Transfer Bandwidth	0～75MHz	
	Signal Indicator	Yellow Solid on: Power input nomal	
		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℃	
	Storage Temperature	-45℃~75℃	
	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
UTP-AR-HD2	1
User Manual	1