

NAV-A1002THD/RHD

1ch HD Video Active Transmitter/Receiver



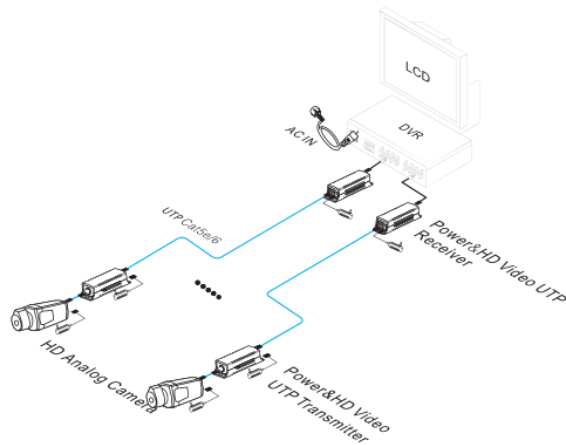
- Power supply: 12 ~ 20V DC / 9 ~ 24V AC ;
- Transmission signal: HDCVI, HDTV, AHD, CVBS signals 4 in1 full compatible design;
- Transmission distance: 0 ~ 1200m(work with active receiver);
- Major function: Adopt twisted-pair to transit video, switch adjust transmission distance;
- Safety Performance: 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.1200m transmission distance.

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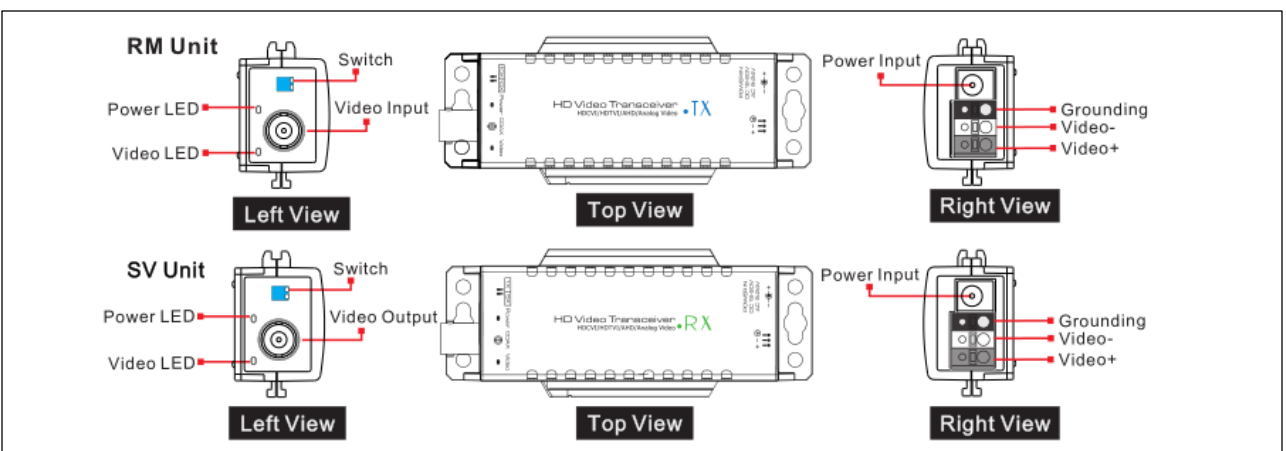
Introduction

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, HDTV, 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).

Application



Interface drawing



Specifications

Item		Parameter	
		Transmitter	Receiver
Function	Transfer Signal Number	1ch Video	
	Transmission Distance (Max.)	1200m	
Power Supply	Voltage Input	12-20V DC or 9-24V AC	
Video Transmission Performance and Connector	Video Connector	1×BNC (Male)	
	Cable Port	1×3 Pin Terminal	
	Compatible Video Type	HDCVI, HDTV, 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 2 KV Common-mode Per: IEC61000-4-5	
	Surge Protection of Line Connector	Signal Line-pair: 2 KV Differential-mode 2 KV 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 °C ~ 55 °C	
	Storage Temperature	-45 °C ~ 75 °C	
	Humidity(Non-condensing)	0 ~ 95%	
Mechanical	Dimensions (L*W*H)	113mm×45.5mm×29mm	
	Out Shell	Refractory ABS Plastics	
	Color	Black	
	Weight	65g	