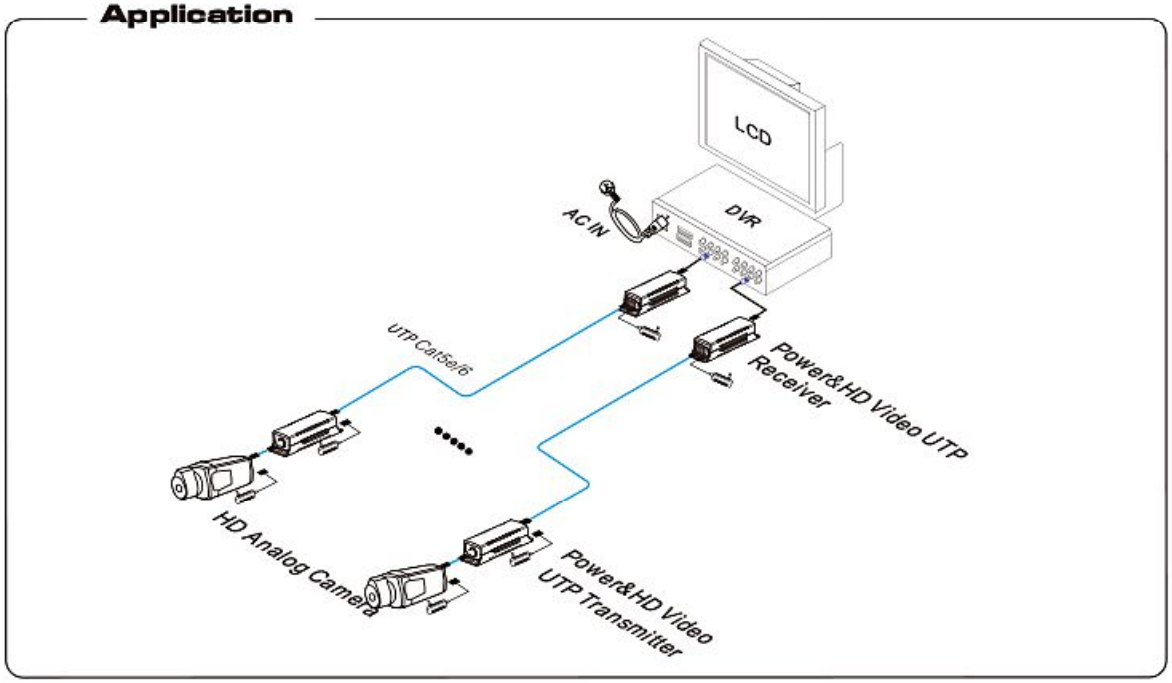
1ch HD Analog Video Active UTP Transceiver
User Manual

VerB 1.0

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)

Application



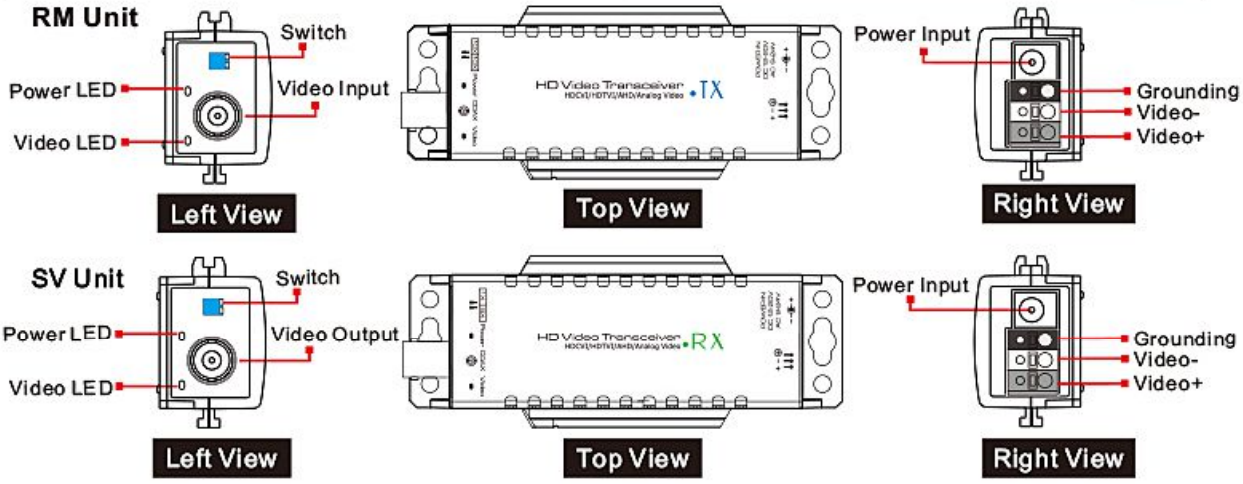
Feature

- Power supply:12~20V DC / 9~24V AC ;
- Transmission signal: HDCVI, HDTVI, AHD, CVBS signals 4in1 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.

Notice

1) Standard Cat5e/6 cable and 75-4 or above coax are strongly suggested for reaching the maximum transmission distance!
2) Please use standard UTP cable and coax to ensure the stable transmission.

Panel Diagram



Installation Steps

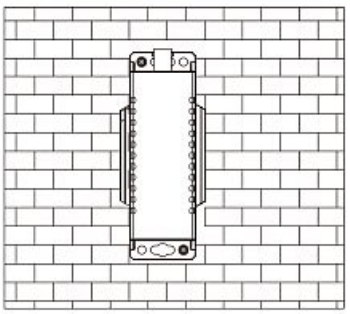
Please check the following items before installation, if it is missing, please contact the dealer.

- RM Unit 1pc
- SV Unit 1pc
- User Manual 1pc

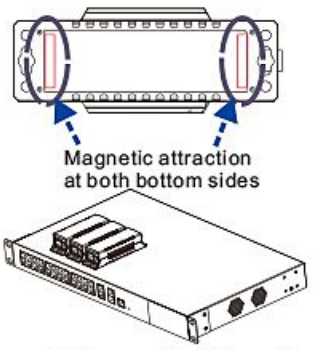
Please follow installation steps as below:

1) Turn off the power of all the related devices before the installation; otherwise the device would be damaged;
2) Check if the any cable has been occupied by other device;
3) Connect corresponding ports of cameras and other related devices with Video BNC port of TX unit;
4) Connect the grounding terminal of TX unit by bare grounding wire and a pair Ethernet cable;
5) Connect the grounding terminal of RX unit by bare grounding wire and a pair Ethernet cable;
6) Connect display device and BNC port of RX unit by coaxial cable;
7) Connect power ports of RX and TX units by power cable;
8) Check the installation and connection of equipments are correct and the equipments are working properly, then power on system;
9) Make sure image displays and other devices are working.

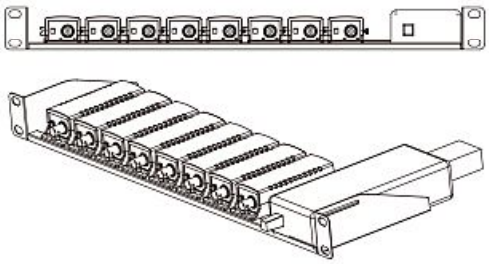
Installation Methods



1.Wall-mounting



2.Magnetic Attraction
(Magnet is optional component. Please purchase it if necessary)



3.Splicing & Rack-mounting(up to 8 pcs)
(Rack is optional component. Please purchase it if necessary)