



HDUB4P

4 Channel Passive HD
Video UTP Transceiver

User Manual

1. Introduction

The HDUB4P is a 4 Channel Passive HD (Non-Amplified) Video UTP Transceiver that allows transmission of real time and high performance colour or monochrome CCTV video or HD-CVI / AHD / HD-TVI / HD video over UTP cable which is ideal for multi-point surveillance.

2. Key Features

- Passive, No Need for a Power Supply
- HD-CVI, HD-TVI, AHD, CVBS 4 in 1 Compatible Design
- Real-Time Transmission, No Delay
- Strong Surge Protection, ESD and Lighting Protection
- Supports MIT Structure
- Easy Operation

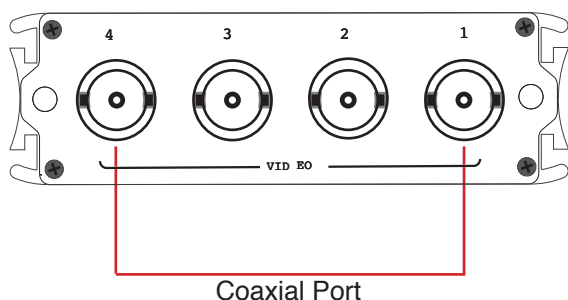
3. Technical Specification

Model Number	HDUB4P
Transmission Channel	4 Channel
Video Connector	4 Channel
Transmission Distance	HD-CVI (720p): 370m, HD-CVI (1080p): 100m HD-TVI (720p): 200m, HD-TVI (1080p): 200m AHD-L/M (720p): 250m, AHD-L/M (960p): 250m AHD-H (1080p): 250m, Anaglogue Video: 500m
Coaxial Video Connector	Female BNC Connector
UTP Cable Video Connector	Female RJ45 Connector, 8 Channel Screw Push Terminal
Compatible Video Format	HD-CVI, HD-TVI, AHD, CVBS
Signal Transmission Width	0-70MHz
Anti-Interference	>60dB
Coaxial Video Connector Surge	2KV (Different Mode) Per: IEC61000-4-5
UTP Cable Communication Connector Surge Protection	2KV (Different Mode) per: IEC6100-4-5
ESD	1a Contact Discharge Level 3 1b Air Discharge Level 3 Per: IEC6100-4-2
Operation Temperature	0 ~ 55°C
Storage Temperature	-40°C ~ 85°C
Humidity	0~95%
Dimensions (L x W x H)	85 x 82 x 25 mm (Including Connector Length)

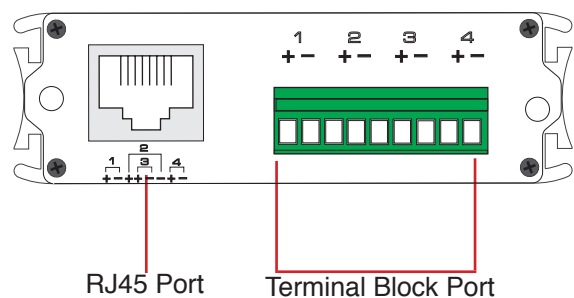
*Design and Specifications are subject to change without notice.

4. Board Diagram

Front



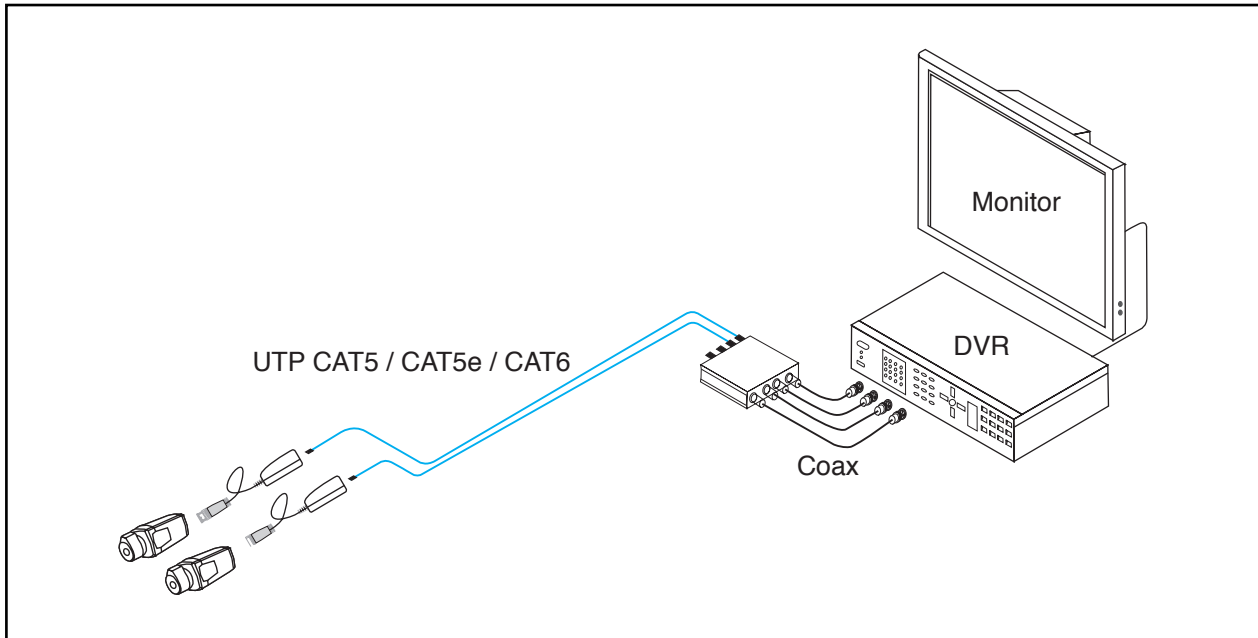
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NOTICE

- Transmission distance is related to wire quality. Please use standard UTP cable and coaxial cable.
- RJ45 connector and screw push terminal connection mode can not use at the same time. Choose only one of them.

5. Application Diagram



6. Installation Steps

1. Turn off the power of the camera and display before installation.
2. Check if the cables and display device are occupied.
3. Connect monitor or DVR and BNC connector of the product over coaxial cable
4. Connect the product push terminal UTP cable connector or RJ45 connector and camera output port over UTP cable.
5. Check whether installation is correct, the device is good, make sure all connection is reliable, connect power cable, system is power on.
6. Make sure network is normal.

7. Troubleshooting

Please follow below if the device doesn't work:

- Check if its according to the manual.
- If you choose RJ-45, make sure both ends of UTP cable are both the same (568A or 568B).
- If you choose green terminal block, make sure cable of same colour be in the same pin.
- Check all connections such as BNC, RJ-45.
- Make sure the real distance doesnt exceed the allowed transmission distance.
- Make sure the cables are good quality.
- Replace the device at question by a normal working device.
- If the problem still occurs, please contact the dealer.



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