

STR601C

The device is the high-performance Ethernet over coaxial device that converts between twisted pair(UTP) and coaxial cable for every kind of IP Ethernet application.

It offers the absolutely fastest data transmission speed over existing coaxial cable without the need of rewiring. On the UTP side, the device uses the standard of RJ-45 connector and existing coaxial cable to the transmit IP signal up to 1200meter. It is ideal for extending the distance and signal conversion by transmitting the Ethernet data from the coaxial cable for any type of IP network device such as IP camera, wireless access point, NVR.

Features:

- >1set EOC Converter-Tx+1set EOC Converter-RX+2sets DV12V 1A power adapter+1set Dryer bag
- >Support multi-point access, which connect up to 8pcs IP cameras or other IP devices over single cable
- >**Long transmission:** up to 1200m
- >Conforms to IEEE802.3i 10Base-T and IEEE802.3 low control
- >LED indicator to display the current status
- >Plug and play, without any configuration
- >Used in pairs
- >**Transmission Bandwidth Form:**
 - Transmission Rate(75-5 coax): Distance 300m, Rate(Max) 65Mbps
 - Transmission Rate(75-5 coax): Distance 600m, Rate(Max) 32Mbps
 - Transmission Rate(75-5 coax): Distance 900m, Rate(Max) 20Mbps
 - Transmission Rate(75-5 coax): Distance 1200m, Rate(Max) 10Mbps



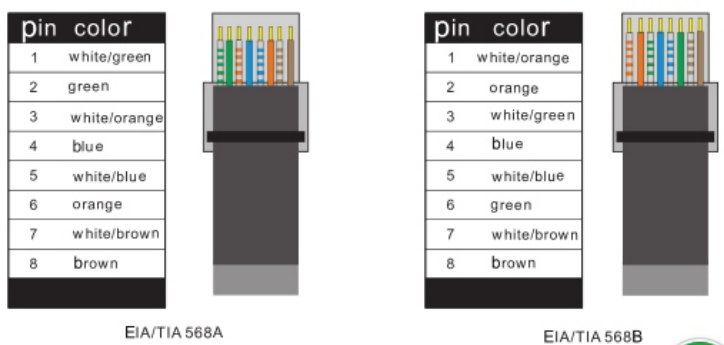
Ethernet Over Coax Converter

Specifications:

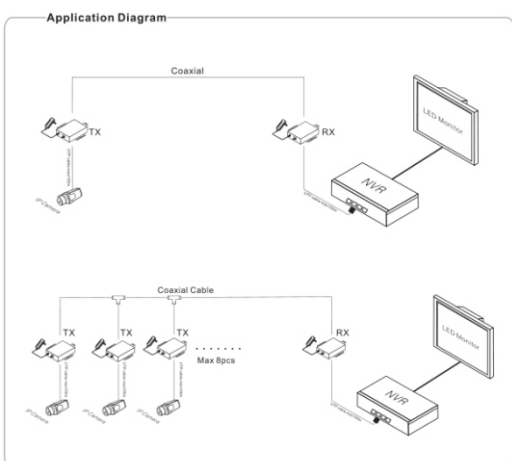
- Voltage Range:** DC12V
- Power Rate:** <3W
- Transmission Standard:** IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af
- Transmission Connector:** 1Xrj45, 1xBNC
- Transmission Cabling:** Coaxial cable
- Transmission Data rate:** 10/100Mbps
- Transmission Distance:** 1200m(75-5)
- Adjustment Switch:** RX
- Adjustment Switch:** TX
- LAN LED Status:** Green
- LRE LED Status:** Green
- TX LED Status:** Green
- RX LED Status:** Red
- Power Port Protection:** 2KV/1KA Per: IEC61000-4-5
- Coaxial Port Protection:** 2KV Per: IEC61000-4-5
- RJ45 Port Protection:** 2KV(Different Mode) 4KV (Common Mode) Per: IEC61000-4-5

Plug Producing Method:

- Instruments to be used: wire crimper, network tester. Wire Sequence of RJ45 plug should conform with EIA/TIA568A or 568B.
- 1.Please remove 2cm long the insulating layer, and bar the 4 pairs UTP cable.
 - 2.Separate the 4 pairs UTP cables and straighten them.
 - 3.Line up the 8 pieces of cables per EIA/TIA 568A or 568B.
 - 4.Cut off the cables to leave 1.5cm bare wire.
 - 5.Plug 8 cables into RJ45 plug, make sure each cable is in each pin.
 - 6.Use the wire crimper to crimp it.
 - 7.Repeat above 5 steps to make the another end.
 - 8.Using network tester to test the cable whether is working.



Typical Application:



ESD:

- 1a contact discharge Level3
- 1b air discharge level3
- Per:IEC61000-4-2

Environment:

- Working Temperature: 0°C~55°C
- Storage Temperature:-20 °C~70 °C

Size: 80x64x25.5mm

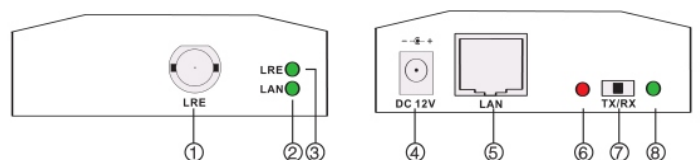
Shell case: Aluminum

Color: Black

N.W.: 100g

MTBF: >20000h

Outer shell diagram:



- ①Component: LRE, BNC Port
- ②Component: Green LAN Light, Indicate Lan Connected
- ③Component: Green LRE Light, Indicate Coax Connected
- ④Component: Power supply block, Power supply input
- ⑤Component: Rj45 Port, Connect UTP Cable
- ⑥Component: Red LED, TX Status
- ⑦Component: Adjustment, Choice for Tx or Rx
- ⑧Component: Green LED, RX Status