



USB2C5-104 USB 2.0 over CAT5 Extender

Users' Guide



The USB2C5-104 allows connection of any USB 2.0 and USB 1.1 device on distance up to 150m over CAT5/5E/6 UTP cables. It completely eliminates 5 meter distance limit for standard USB connection.

Equipment is completely operating systems independent.

Features:

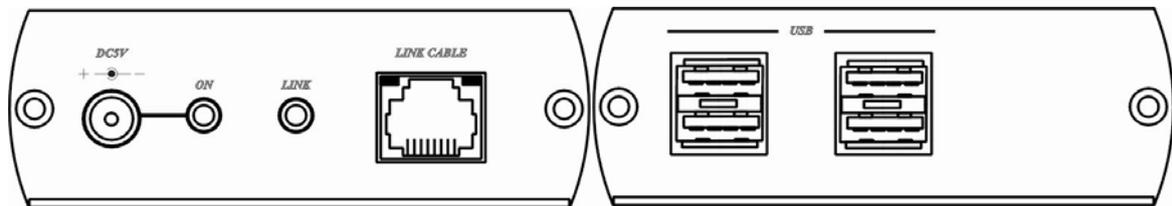
- Extend four USB devices up to 150 meters over CAT5/5E cable.
- Supports USB 2.0 high-speed and USB 1.1 (low-speed, full speed) devices.
- Including local and remote unit, 1 x 5V external power supply..
- Remote unit built in 4 port hub to connect 4 USB devices.
- Plug and play for easy operation.
- Application for extend USB 2.0 peripheral devices, such as security cameras, printer, scanner, keyboard, mouse, etc.

Installation View:

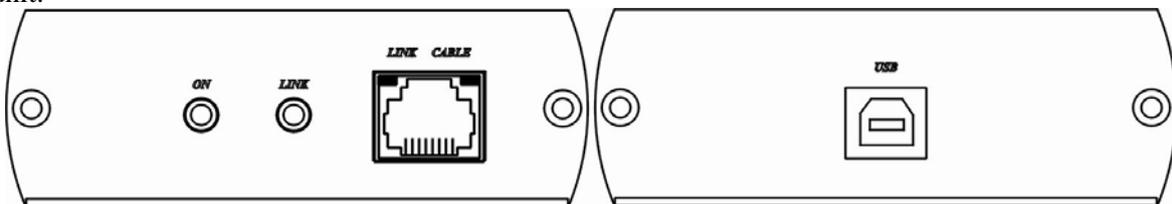


Panel View:

Local unit:



Remote unit:



Recommended cable:

Standard CAT5/CAT5E UTP/FTP or CAT6 UTP cable. Cable pin connection as defined by TIA/EIA-568A or 568B.

Wiring, used signals:

TIA/EIA-568-B

- | | |
|-----------------|----------|
| 1. Orange-white | Data 1 + |
| 2. Orange | Data 1 - |
| 3. Green-white | Data 2 + |
| 4. Blue | Data 3 + |
| 5. Blue-white | Data 3 - |
| 6. Green | Data 2 - |
| 7. Brown-white | Data 4 + |
| 8. Brown | Data 4 - |

LED Indication:

Power : Power on/off

Link: Data on/off (blinking: link)

RJ45 LED:

Green: Blink - data transmission

Orange: link

Specification:

- Remote unit: 4x USB Type A, 1x RJ45, 1x DC jack
- Local unit: 1x USB Type B, 1x RJ45
- Power consumption: Local unit: 5V/500mA, Remote unit: 5V/550mA
- Power adapter: DC 5V/2A
- Distance: max. 150 meters
- Cable: CAT5/5e/6, all 8 wires used
- USB Support: Hi-Speed (480Mb/s), full speed (12Mb/s), low-speed (1.5Mb/s)
- Working temperature: 0 to 55°C, humidity: up to 95%
- Physical dimensions: Local unit 130x67x27, 330 g; Remote unit 130x67x27, 280 g