

Description

APAC USB150-CAT6 extender is designed to extend USB connection to penetrate the 5 meters cable length limitation published by the USB standard. It enables USB 2.0 long distance communications between USB 2.0 host and device for remote desktop links, industrial control, far-end storage and surveillance applications.



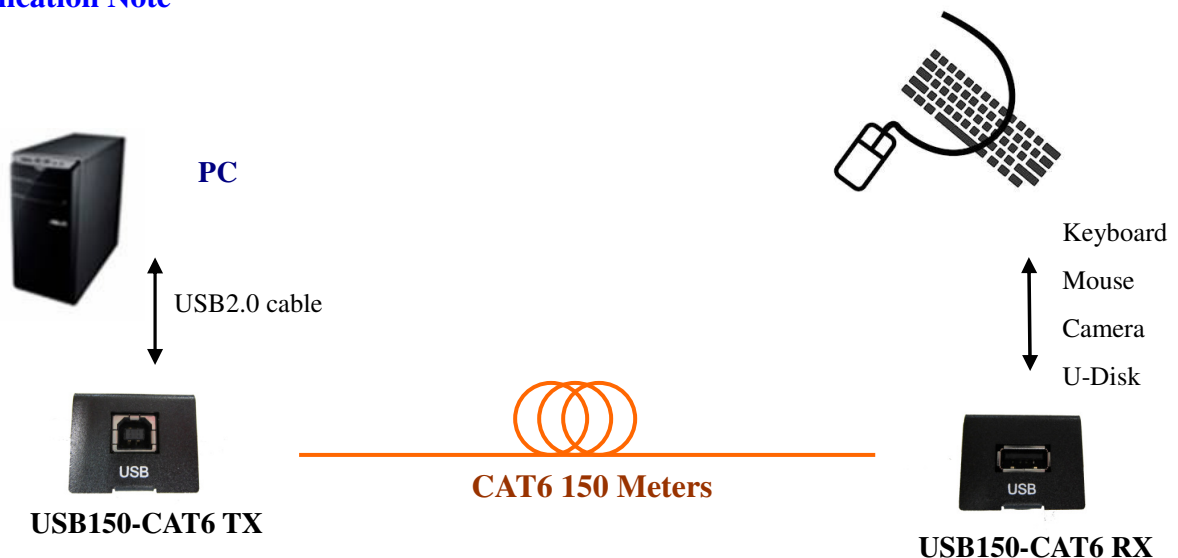
Features

- Long distance USB 2.0 communication (CAT6 150 meters)
- External hardware installation, plug and play. No driver or software installation required
- Supports any USB 2.0 device connection

Application

- USB 2.0 HID Device(Keyboard, Mouse...) extension
- USB Pen Drive extension
- USB Camera extension
- USB Control extension (Multi-touch screen)

Application Note





USB 2.0 Extender Over CAT6

Extends USB 2.0 Link Up To 150 Meters

Ordering information

Part Number

USB150-CAT6-XX

- 00: US Plug for AC adaptor
- 01: EU Plug for AC adaptor
- 02: BS Plug for AC adaptor
- 03: AU Plug for AC adaptor

This product does not include CAT6 cable

Package include

- TX module × 1
- RX module × 1
- 5V adaptor × 1

Optional : EU/BS/AU Plug change kit of 5V adaptor

Specification

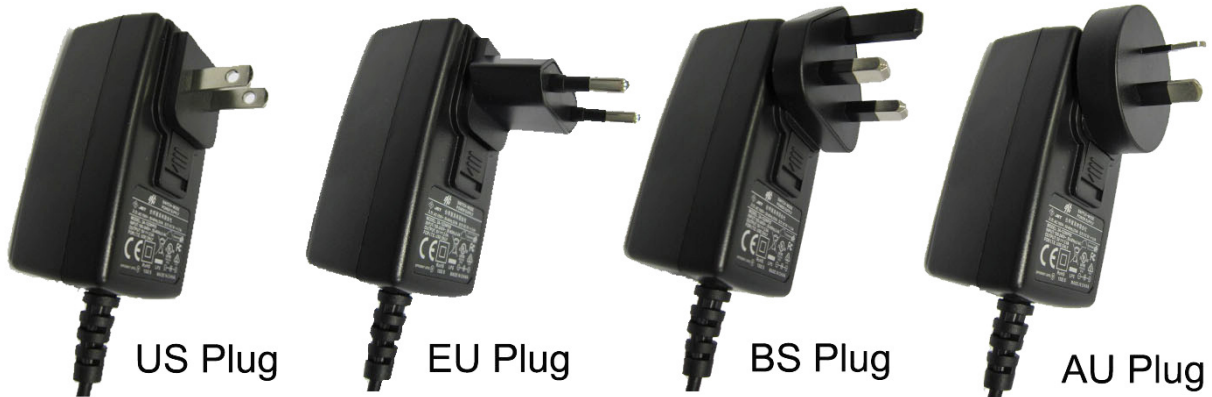
PARAMETER	SPECIFICATION	NOTE
Max length	150 Meters	
Operating voltage	DC 5V	
Electrical power consumption	TX: 5V/210mA RX: 5V/320mA	
Operating temperature	0°C to 70°C	
Storage temperature	-20°C to 75°C	
Dimension	67.3 × 32.2 × 25.4	L × W × H (mm)
Weight	TX: 87g, RX:86g	

Requirements

- USB2.0 host (PC/NB support USB2.0 interface)
- USB2.0 device (Any USB2.0 device)
- 100~240VAC 50~60Hz 0.2A electricity

Adaptor Specification

PARAMETER	SPECIFICATION	NOTE
Input	100~240VAC	US/EU/BS/AU plug
Output	DC 5V	2.0 A
DC Jack	Inside 5V / Outside ground	





USB 2.0 Extender Over CAT6 Extends USB 2.0 Link Up To 150 Meters

Installation

Step1. Install TX module close to USB host.

Step2. Install RX module close to USB device (keyboard, mouse, U-Disk, USB camera...).

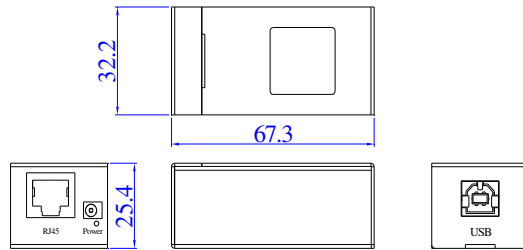
Step3. Connect CAT6 cable from TX to RX.

Step3. Connect RX to USB device.

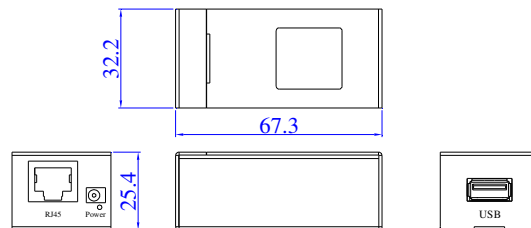
Step5. Apply 5V adaptor to RX module.

Step3. Connect USB cable from PC to TX.

Dimensions



USB150-CAT6-TX



USB150-CAT6-RX

All dimensions all in +/- 0.3mm tolerance if no specified

Unit : mm

Safety Regulation

CE and FCC approved.

