

# CrystalLink USB 2.0 CAT5

USB 2.0 CAT5 Extenders



CLK-1U2TP-100M



CLK-4U2TP-100M/PE



CLK-4U2TP-100M

## USB 2.0 CAT5 Extender

Extend your USB 2.0 high speed and USB 1.1 low and full speed devices up to 330 feet (100 meters) over CAT5 cable

Designed to support high powered USB devices

One or four USB port models available

Standard USB hubs can be used to increase the number of USB devices connected to a maximum of 14 (including hubs).

Supports USB printers, scanners, hard drives, audio devices, touch screens, web cams, game controllers, and many more USB device types

Easy installation

## Features and Benefits

- Supports USB 2.0 (high-speed) and USB 1.1 (low and full speed)
- Extend USB device up to 330 feet (100m) over industry standard CAT5 cable
- 1 and 4-USB port models are available
- Standard USB hubs can be used to increase the maximum number of connected USB devices to 14 or 3 USB hubs and 11 USB devices.
- Up to 500 ma of power is available at each USB port for powering high-power USB devices
- Plug-and-Play installation, no configuration or set-up needed.
- Installation consists of:
  1. Connecting the receiver to your USB device(s)
  2. Connect the transmitter to your computer's USB port
  3. Connect the transmitter to the receiver with up to 330 feet (100 meters) of CAT5 cable
  4. Apply power and the installation is complete

## The CrystalLink USB Advantage . .

The CrystalLink USB CAT5 extender is the extender of choice for extending your USB devices. The CrystalLink USB CAT5 extender makes this possible by the use of standard CAT5 cable. You can fully operate and control all of your USB devices from as far away as 330 feet using standard CAT5 cable.

Access to your USB device is made convenient in a variety of situations. You can locate users away from hazardous environments where the USB device is located, locate devices away from areas vulnerable to theft, reduce noise and heat; increase desk and floor space.

If additional USB devices are needed, you can add up to 3 USB 4 port hubs to the four port receiver model and connect up to 11 USB devices.

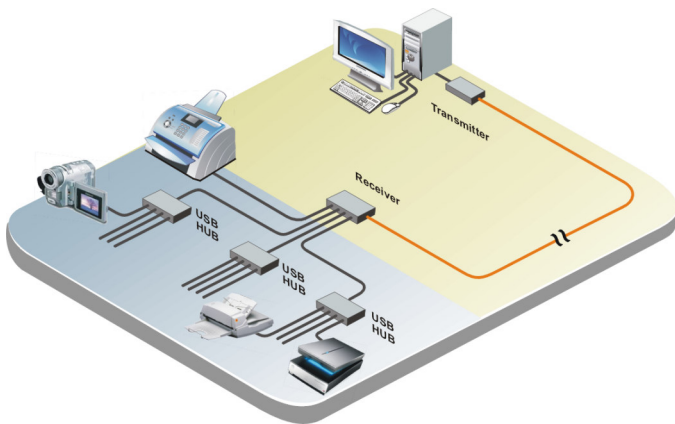
The CrystalLink USB CAT5 extender supports all USB devices. It is ideal for use in industrial control areas, digital signage, connecting web cameras, USB device printing, scanning and storage.

Supports all major operating systems including:

Windows®, Mac®, and Linux®

Supports USB printers, scanners, web cameras, USB hard drives, flash drives, MP3 players and more.

## Typical Application



Control your USB devices from up to 330 feet away

**Overview** The CrystalLink USB CAT5 extenders are usually sold in pairs, a transmitter unit and a receiver unit. The transmitter unit connects to your computer's USB port and the receiver unit connects to 1 or 4 USB 1.1 or 2.0 devices. The transmitter and receiver unit are connected together with up to 330 feet of standard CAT5 cable. All models support USB hubs for adding additional USB devices.

**Installation** Installing the CrystalLink USB CAT5 extender is as simple as connecting the computer's USB port to the transmitter unit, connecting up to 4 USB 1.1 or 2.0 devices to the receiver unit and connecting the local and remote units together with CAT5 cable.

**Expanding CrystalLink with a USB hub** In addition to extending one or four USB devices, you can add up to 3 standard USB 4-port hubs to the receiver unit to access additional USB devices. Connecting 3 USB hubs to the receiver will increase the number of USB devices that can be connected to a maximum of 11 devices and 3 hubs.

## Part Numbers

CLK-1U2TP-100M	1 port USB 2.0 Extender Kit
CLK-4U2TP-100M/PE	4 port USB 2.0 Extender Kit (Plastic enclosure)
CLK-4U2TP-100M	4 port USB 2.0 Extender Kit (Metal enclosure)

## Specifications

Dimensions	Width	Depth	Height
CLK-1U2TP-100M Transmitter/Receiver (mm)	(in) 1.72 43.7	3.43 87.1	0.85 21.6
CLK-4U2TP-100M/PE Plastic Transmitter (mm)	(In) 1.72 43.7	3.43 87.1	0.85 21.6
CLK-4U2TP-100M/PE Plastic Receiver (mm)	(In) 4.33 110	2.72 69.1	1.10 27.9

**Distance** 330 feet (100 m)

**Shipping Weight**  
 CLK-1U2TP-100M - 1.1 lbs (0.5 Kg)  
 CLK-4U2TP-100M/PE - 1.42 lbs (0.65Kg)  
 CLK-4U2TP-100M - 2.0 lbs (0.9Kg)

### Connectors

**Local**  
 CLK-1U2TP-100M - USB Type A  
 CLK-4U2TP-100M/PE - USB Type A  
 CLK-4U2TP-100M - USB Type B  
 Interconnect - RJ45

**Remote**  
 1 or 4-USB Type A  
 Interconnect - RJ45

### Indicators

**Transmitter**  
 Power - Blue LED  
 Link - Green LED  
 Host - Green LED  
 Activity - Amber LED

**Receiver**  
 Power - Blue LED  
 Link - Green LED  
 Host - Green LED  
 Activity - Amber LED  
 Device - Green / Orange LED

**Power**  
 CLK-1U2TP-100M +5V DC / 1.5A  
 CLK-4U2TP-100M/PE +5V DC / 3A  
 CLK-4U2TP-100M +5V DC / 3A

**Receiver output** 500ma per USB output port (1 or 4) at each USB port.

**Environment** Operating Temp. 32°F-122°F (0°C-50°C)

**Approvals** FCC Class B, CE Class B, IC Class B



〒108-0075 東京都中央区日本橋蛸殻町 1 - 1 6 - 1 1  
 TEL:03-3668-8089  
 FAX:03-3668-9872