

## Technical Specifications

<b>USB-100 Specifications</b>	
CAT5 (UTP)	Maximum range 275ft (85m)
USB Data	Data Rate of 12Mbps Compatible with USB version 1.1
<b>USB Connectors</b>	USB-TX100 Type A USB-TX100 Type B
Power	5V DC@1A Internal
Dimensions (inches)	3.375" x 2.375" x 1"
Weight	0.14 lbs

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

## User Manual

### USB100



The USB-100 extends USB up to 275ft from the computer using a single un-shielded CAT5 cable.

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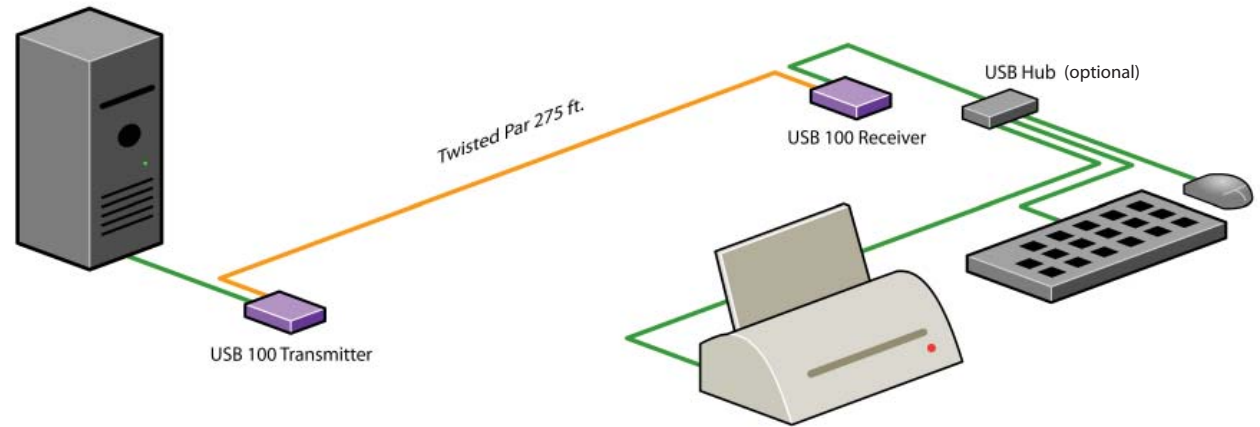
[www.smartavi.com](http://www.smartavi.com)

## Introduction

The USB-100 extends USB up to 275ft using a single unshielded CAT5 cable with data rates up to 12Mbps.

## Features

- Extends USB port up to 275 feet from the computer.
- Uses easy to install, inexpensive CAT5.
- Fully compliant with USB 1.1 specifications.
- Supports 1.5 and 12 Mbps data rate.
- Uses a single CAT5 UTP cable between transmitter and receiver.
- Bus powered transmitter unit
- Fully transparent (does not use any emulation).
- Compact size.
- Supports MAC, PC and SUN.
- Plug and play.



## What's in the box?

USB-100

Please check the contents of the package before beginning installation.

Qty	Description	Part Number
1	USB-100 Transmitter	USB-TX100
1	USB-100 Receiver	USB-RX100
1	6' USB A-B Cable	CCUSBAB06

Join the USB-100 units using standard CAT5 UTP cable.



## Installation and Operation

Connecting the Transmitter

1. Connect the transmitter to the host using the A-B USB cable (included with the unit).
2. The A side of the connector would go to the computer host and the B side would be connected to the transmitter.

**Note:** The receiver provides remote power up to 500 mA to the connected peripherals. This power comes from the host computer and is passed by the transmitter to the receiver. In some applications, and external power supply is required. SmartAVI can provide a power supply for such cases with the receiver and transmitter units.