



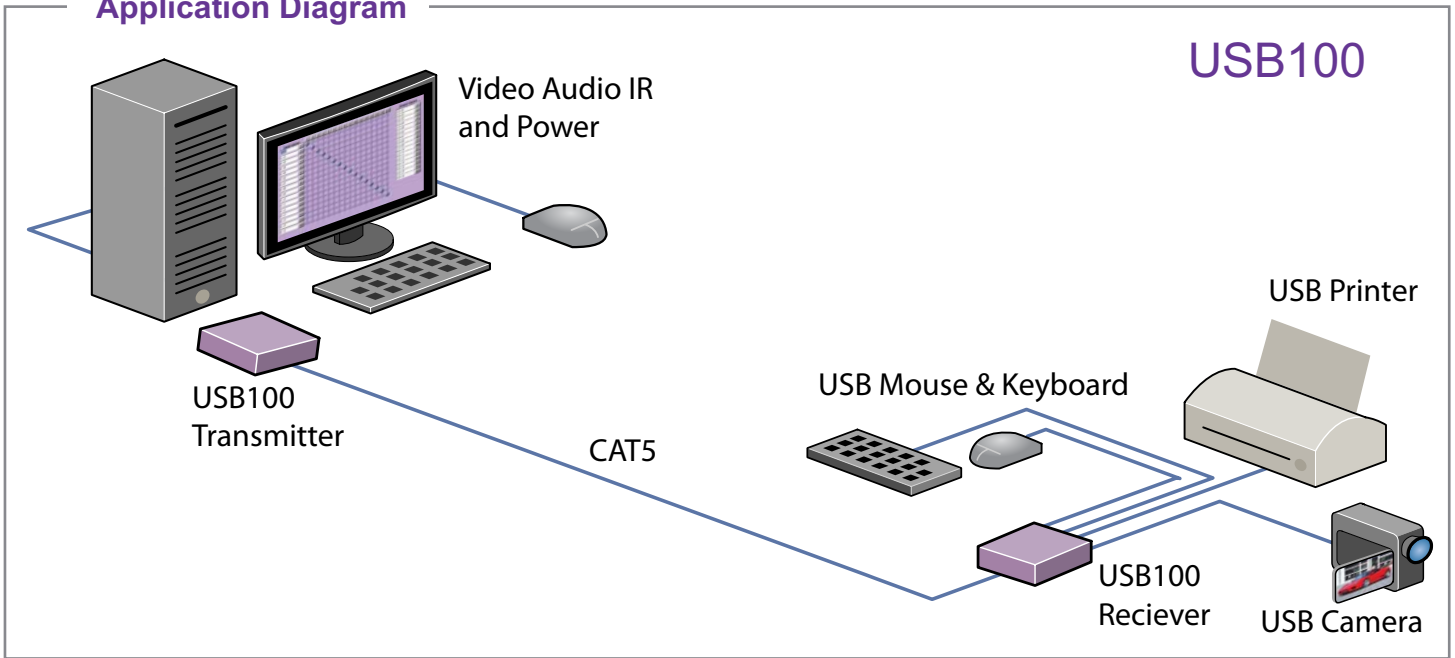
## Extend USB 1.1 Signals up to 275 Feet via CAT5

SmartAVI's USB100 extends standard USB (Universal Serial Bus) 1.1 signals up to 275 feet away from your CPU using a single CAT5 unshielded twisted pair cable. The USB100 is capable of transparent data transfers at 1.5 and 12 Mbps.

### Features

- Uses Cost-Effective CAT5
- Extends USB 1.1 up to 275 Feet From CPU
- USB 1.1 Compliant
- Supports 1.5 and 12 Mbps
- Bus-Powered Transmitter Unit
- External Power Adapter for Receiver Unit
- Compact Design
- Mountable Metal Casing
- Supports PC and Mac
- Fully Transparent (No Emulation Used)
- Plug-and-Play

## Application Diagram



USB100

## Specifications

ITEM	USB 102-TR	USB 101-RX
<b>Electrical</b>		
Range over CAT5 UTP	85m (275ft)	
<b>USB Data</b>		
USB Fixed data rate	12Mbps	
USB Version compatibility	1.1	
USB Connector Type	Type A	Type B
<b>UTP Data</b>		
Signal Type	LVDS	
Connector	Unshielded RJ45	
<b>Power</b>		
External or via USB	5V DC @100mA	
Connector	2.1mm DC jack (center +ve)	
<b>Physical</b>		
Dimensions	3.375"x3.375"x1.5" (85 x 84 x 35mm)	
Weight	.14lb (0.3Kg)	



## Applications

- Security
- PC Networking
- Conference Center Systems
- Point-of-Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio
- PC KVM Extension
- Mac Keyboard/Mouse Extender

## Order Info

Model	Description
USB-100	USB Extender Link: Includes USB 101-RX, USB 102-TR, 6ft USB AB cable, 5V power
USB-101-RX	USB Extender Receiver
USB-102-TR	USB Extender Transmitter

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:

