

## *Extend USB beyond the limit – all the way up to 275ft using cat5.*

The Far-Out U range of products extends Universal Serial Bus (USB) via a single Category 5 Unscreened Twisted Pair (UTP) cable. Using a unique method of transparent data transfer, the system allows a USB peripheral to be located up to 275ft from the CPU. Fully compliant with the USB specification, the extender will provide a transparent path for both 1.5 and 12 Mbps data.



### FEATURES

- ▲ *Uses easy to install, inexpensive CAT5.*
- ▲ *Extends USB port up to 275 feet from the computer*
- ▲ *Fully compliant with USB 1.1 Specifications*
- ▲ *Supports 1.5 and 12 Mbps data rate*
- ▲ *Uses a single CAT-5 UTP cable between transmitter and receiver*
- ▲ *Bus powered transmitter unit*
- ▲ *External power adapter for the receiver unit*
- ▲ *Compact size*
- ▲ *Metal enclosure with mounting inserts*
- ▲ *Supports MAC, PC and SUN*
- ▲ *Fully transparent (does not use any emulation).*
- ▲ *Plug and play*

## Application Diagram



USB-100 offers reliable performance for :

- 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
- and many other applications

## SPECIFICATIONS

ITEM	USB 102-TR	USB 101-RX
<b>Electrical</b>		
Range over CAT5 UTP	85m (275 ft)	
<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 35 mm)	
Weight	.14 lb (0.3 Kg)	

## 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

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