

## *Infrared Extender over cat5 up to 1000ft*

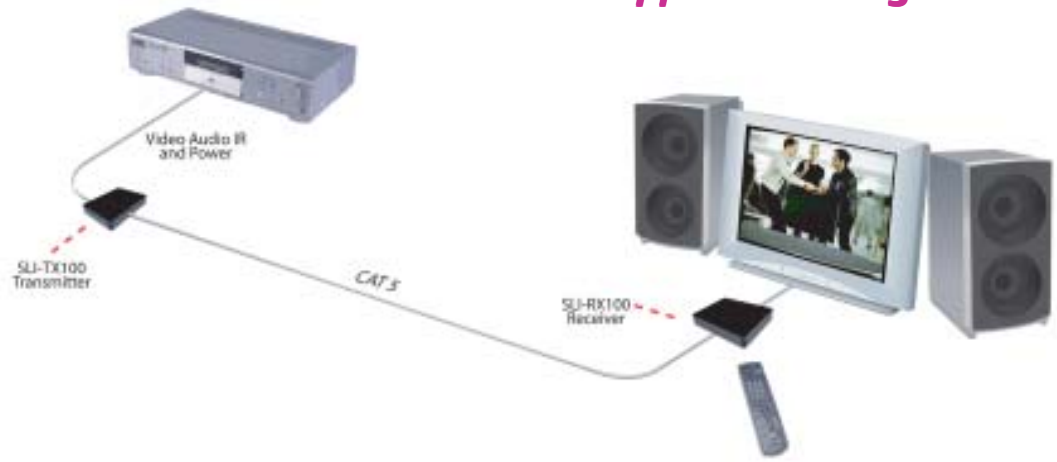
The IR100 allows the extension of InfraRed control signals via a single Category 5 twisted pair cable up to 1000ft using a unique method of transparent data transfer.



### FEATURES

- ▲ Uses easy to install, inexpensive CAT5.
- ▲ Output reaches up to 1000 feet.
- ▲ Sends Infrared Remote and Power signals over single CAT5.
- ▲ High ground loop immunity.
- ▲ Built-in lightning, power surge and transient protection.
- ▲ Remote Units come with Buffered Outputs.
- ▲ Compact Enclosure.
- ▲ Optional power supply for remote unit.
- ▲ Fully compliant with standard modulated IR and the latest IRDA.
- ▲ Fully transparent path for all protocols and data transfers.

## Application Diagram



### Applications

- Hotels
- Cable TV remote control
- Control rooms
- Remote On-Digital set-top control
- Sky box control extension
- Dealer rooms
- Point of Sale
- Remote VCR control
- Home use

### Data Broadcasting

Data such as news, stock prices, sports results, and flight information can be broadcast in real time to various monitors and/or speakers.

### Learning and Training

IR-100 can be used in educational presentations to multiple locations, in schools and in other training facilities.

## SPECIFICATIONS

<b>Range</b>	
AV+IR over CAT5 UTP	300m (1000 ft)
Remote Control Range	6 m (18 ft) 60 deg
<b>Video Input</b>	
Signal type	NTSC/PAL/SECAM Composite Video 1V p-p
Bandwidth	100 MHz
Impedance	75 Ohm
Connector	RCA, Female
<b>Audio Input</b>	
Signal Type	Stereo Audio
Bandwidth	20 KHz, 0 dB
Impedance	10K Ohm
Connector	3.5 mm mini jack, Female
<b>Video Output</b>	
Signal Type	NTSC/PAL/SECAM Composite Video
Bandwidth	100 MHz
Impedance	75 Ohm
Connector	RCA, Female
<b>Audio Output</b>	
Signal Type	Stereo Audio
Bandwidth	20 KHz, 0 dB
Impedance	100 Ohm
Connector	3.5 mm mini jack, Female
<b>IR Input</b>	
Signal Type	30-500 kHz modulated IR
Connector	3.5 mm mini jack, Female
<b>Power</b>	5 x 2.1mm 12VDC 500mA
<b>Dimensions</b>	2.5"x 2.5" x 1.0" (85 x 84 x 35 mm)
<b>Weight</b>	.1 lb (0.3 Kg)

## ORDER INFO

Model	Description
IR100	Extends InfraRed up to 1000ft using cat5