

## **Use a single CAT5 to Broadcast Video, Stereo Audio, IR Control and Power up to 1000ft (300m) away!!!**

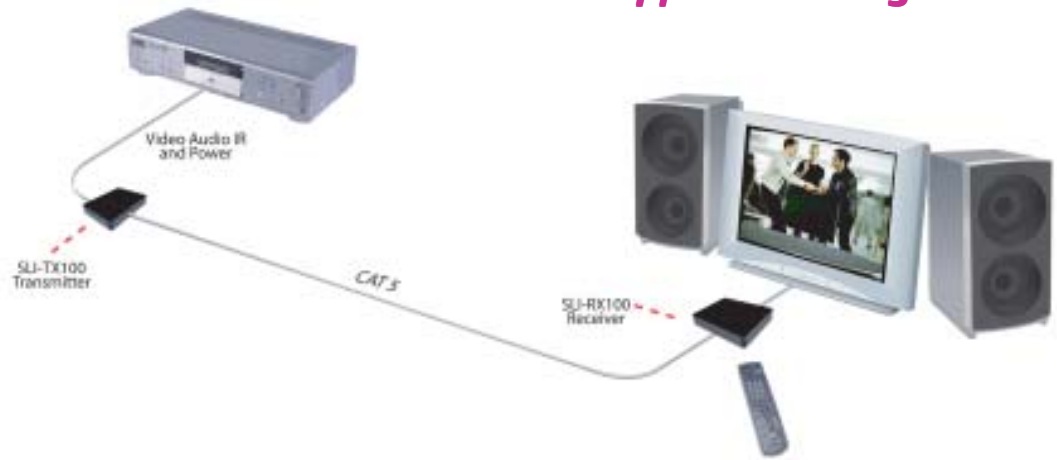
SLI-100 range of products allow the extension of Composite Video, Stereo Audio and Infra-Red control signals via a single Category 5 twisted pair cable using a unique method of transparent data transfer.



### **FEATURES**

- ▲ *Uses easy to install, inexpensive CAT5/5e/6/7/8.*
- ▲ *Output reaches up to 1000 feet (300m).*
- ▲ *Supports PAL, NTSC and SECAM.*
- ▲ *Video 100 MHz Bandwidth.*
- ▲ *Video cable compensation (automatic).*
- ▲ *Sends Composite Video, Stereo Audio, IR and Power signals over single CAT5.*
- ▲ *Compatible with Line Level Stereo Audio Signals.*
- ▲ *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 to allow 600m.*
- ▲ *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

SLI-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
SLI-100	Video, Audio, IR Tranceiver (IR-TX100, IR-RX100 and power supply)
SLI-TX100	Video, Stereo Audio, IR Transmitter (including power supply)
SLI-RX100	Video, Stereo Audio, IR Receiver