



**Atlona**  
**DVI over single CAT5e powerless**  
**Mini-Extender**  
**AT-DVI15SRS**  
**User Manual**



<http://www.atlona.com/>



## **Safety and Notice**

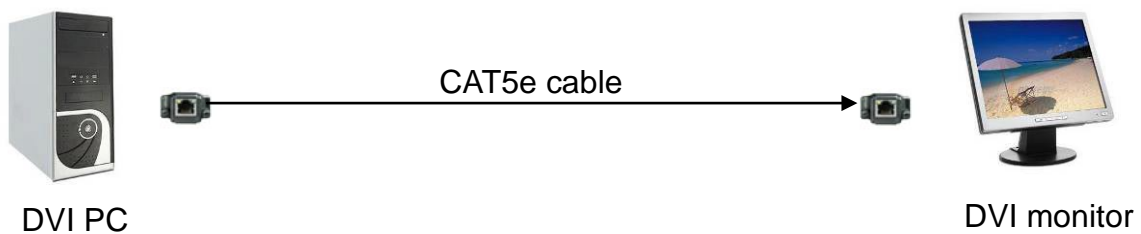
**Atlona AT-DVI15SRS DVI over single CAT5e Mini-Extender** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the AT-DVI15SRS should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

## Introduction

Atlona AT-DVI15SRS extends your PC DVI transmission distance up to 30m/100ft with resolution 1024x768 @60Hz. With AT-DVI15SRS, users can transmit high quality digital video of PC applications through one cost effective CAT-5/5e to the remote monitor or projector, instead of using short and expensive DVI cables. With embedded EDID inside the extender, your PC will continue to send the digital video even when the monitor is not connected. The user can then disconnects the monitor, place it in a remote location and reconnect it without rebooting the operating system.

Atlona AT-DVI15SRS includes two identical units: transmitting and receiving units. The transmitting unit is connected to your PC DVI output and the receiving unit is connected to the monitor. While successfully connected, the two LED lights on RJ-45 connector will blink. The transmission distance between the sending and receiving units can be up to 30m/100ft at XGA (1024x768 @60Hz) or 15m/50ft at UXGA (1600x1200 @60Hz). With compact size and requiring no power, AT-DVI15SRS is the most cost effective choice for bringing your impressive digital video to the remote display.



## **Features**

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- DVI 1.1 compliant
- Handy DVI-D to RJ-45 Adaptor with programmable EDID feature
- Extend the transmission distance from the sources up to 30m/100ft at XGA (1024x768 @60Hz) or 15m/50ft at UXGA (1600x1200 @60Hz)
- Identical units work at both transmitting and receiving end. Easy to install.
- LED indicators
- Compact size

## **Package Contents**

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- 2x AT-DVI15SRS (for both TX: transmitting unit and RX: receiving unit)
- 1x User manual

## **Technical Specifications**

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- Video Bandwidth: 1.65 Gbps (DVI 1.1)
- Input TMDS signal: 1.2 volts (peak-to-peak)
- Input DDC signal: 5 volts (peak-to-peak)
- DVI-D Connector (digital only)
- RJ-45 Connector: 2 indication LEDs
- Dimensions: 50mm x 40mm x 20mm / 2"x1.6"x0.8" (L x W x H)
- Weight: 44g / 1.6oz

## Hardware Installation

1. Connect your transmitting unit to your PC source.
2. Connect your receiving unit to your remote DVI equipped monitor.
3. Make sure your CAT-5/5e/6 cable is tightly connected and not loose.
4. Enjoy your high quality PC video on the screen.

## Notice

1. If you need to modify EDID content in AT-DVI15SRS, you can use EDID Reader/Writer to update DVI EDID information.
2. To reduce the interference among the unshielded twisted pairs of wires in CAT-5/5e/6 cable, you can use shielded CAT-5/5e/6 cables to improve EMI problems, which is worsen in the long transmission.
3. Because the quality of the CAT-5/5e/6 cables has the major effects in how long transmission distance will be made and how good is the received display, the actual transmission length is subject to your CAT-5/5e/6 cables. For resolution greater than 1280x1024, a CAT-6 cable is recommended.

# Contact Information

## Atlona

### Address

2151 O'Toole Ave Unit D, San Jose, CA 95131

### Phone

Toll Free (US & Canada only): 1-877-536-3976

Contact phone: 1-408-954-8782

### Fax



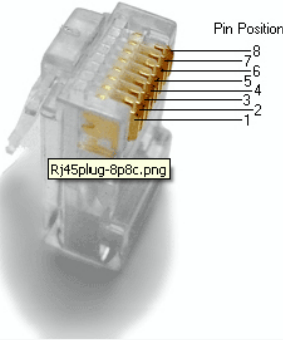
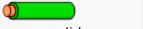



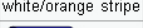

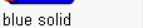
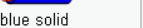




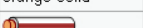

1-408-954-8792

### Email

info@atlona.com

T568A and T568B Wiring

T568B RECOMMENDED FOR ALL SOLUTIONS

Pin	T568A Pair	T568B Pair	Wire	T568A Color	T568B Color	Pins on plug face (socket is reversed)
1	3	2	tip	 white/green stripe	 white/orange stripe	
2	3	2	ring	 green solid	 orange solid	
3	2	3	tip	 white/orange stripe	 white/green stripe	
4	1	1	ring	 blue solid	 blue solid	
5	1	1	tip	 white/blue stripe	 white/blue stripe	
6	2	3	ring	 orange solid	 green solid	
7	4	4	tip	 white/brown stripe	 white/brown stripe	
8	4	4	ring	 brown solid	 brown solid	