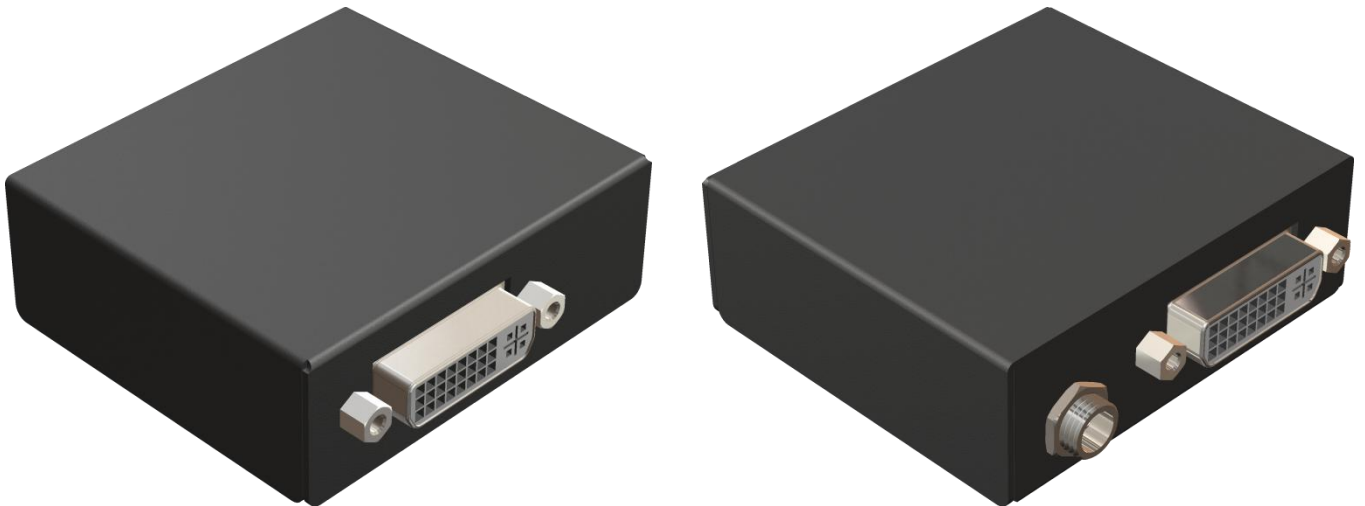




Dual-Link DVI Retimer/Repeater



P/N: CV-11D



Safety and Notice

The **CV-11D Dual-Link DVI Retimer/Repeater** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the **CV-11D** 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.



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INTRODUCTION

The CV-11D **Dual-Link DVI Retimer/Repeater** boosts up your DVI extension transmission over long cable and makes multiple layers cascading of DVI products possible. The CV-11D amplifies and equalizes the dual-link DVI signal to provide high quality video. The transmission distance and signal integrity can be further improved.

FEATURES

- DVI 1.0 compliant
- Video Bandwidth: up to 330MHz*
- Supports Up to 2560x1600
- Built-in jitter cleaning mechanism



* The video bandwidth of Dual-Link is 330MHz, and the Single-Link is 165MHz.

** To gain the best performance, please unroll the cable fully.

PACKAGE CONTENTS

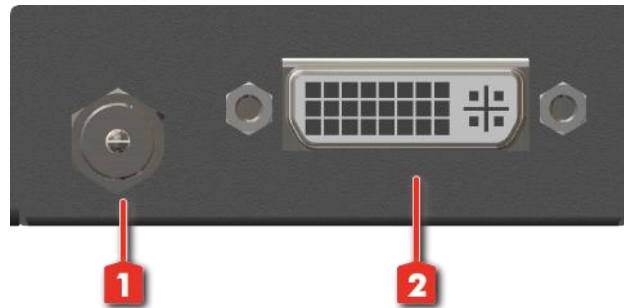
- 1x CV-11D
- 1x DC 5V 0.85A power supply unit
- 1x User Manual

SPECIFICATIONS

Model Name	CV-11D	
Technical		
Role of usage	Dual-Link DVI Retimer/Repeater	
DVI compliance	DVI 1.0	
HDCP compliance	Bypass	
Video bandwidth	330 MHz	
Video support	Up to 2560x1600@60Hz	
Audio support	No	
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]	
PCB stack-up	4-layer board [impedance control — differential 100Ω; single 50Ω]	
CEC Channel	N/A	
Input	1x DVI	
Output	1x DVI	
DVI connector	DVI-I [29-pin female digital only]	
Mechanical		
CV-11D		
Housing	Metal enclosure	
Dimensions [L x D x H]	Model	63 x 56 x 20mm [2.5" x 2.2" x 0.8"]
	Package	165 x 111 x 42mm [6.4" x 4.4" x 1.7"]
	Carton	490 x 426 x 352mm [1'6" x 1'4" x 13.8"]
Weight	Model	130g [4.6oz]
	Package	272g [9.6oz]
Fixedness	Wall-mounting case with screws	
Power supply	5V 0.85A DC (optional)	
Power consumption	3 Watts [max]	
Operation temperature	0~40°C [32~104°F]	
Storage temperature	-20~60°C [-4~140°F]	
Relative humidity	20~90% RH [no condensation]	

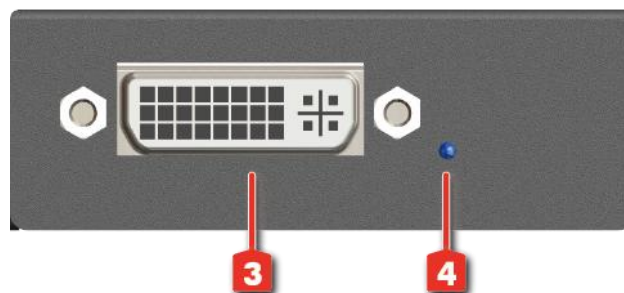
PANEL DESCRIPTIONS

Front Panel



1. 5V DC power jack
2. DVI-D IN: Connect to an DVI source with a DVI male-male cable here

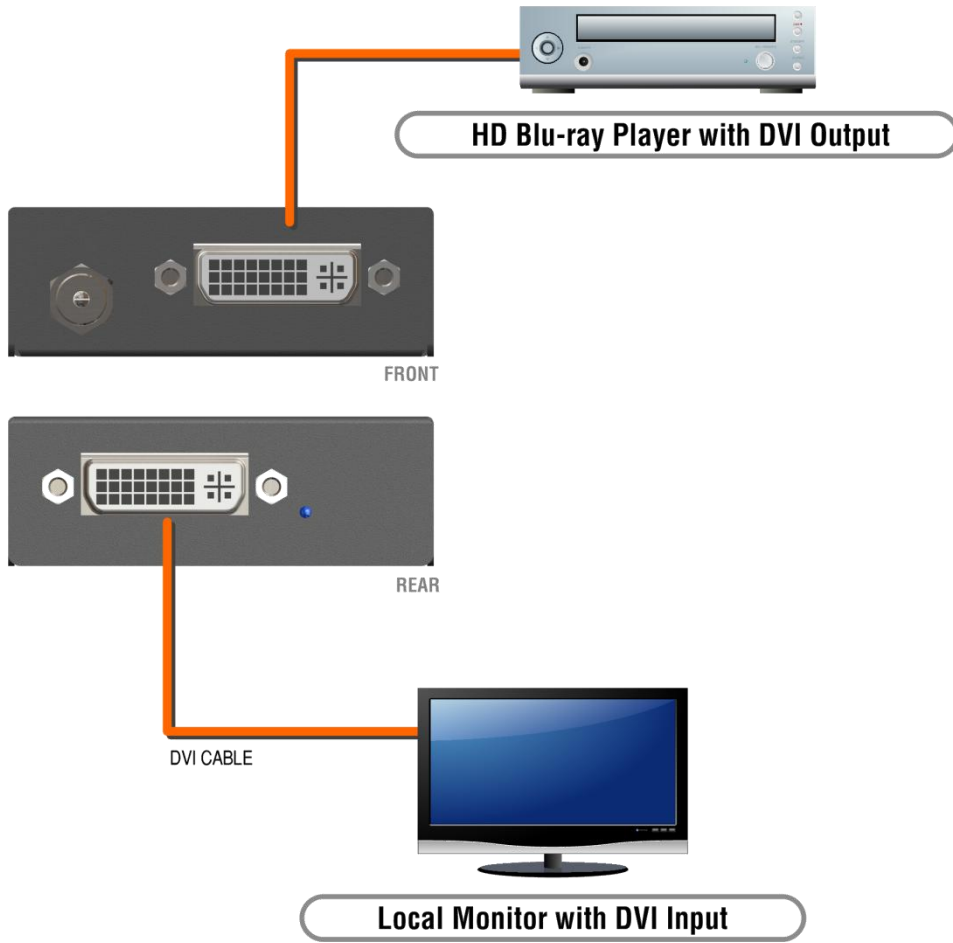
Rear Panel



3. DVI-D OUT: Connect to an DVI display with a DVI male-male cable here.
4. LED: Power indicator

CONNECTION DIAGRAM

→ DVI



LIMITED WARRANTY

The SELLER warrants the **CV-11D Dual-Link DVI Retimer/Repeater** to be free from defects in the material and workmanship for 1 year from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 1 year warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables and power adapters are limited to a 30 day warranty and must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. **Also, the technical information contained herein regarding the CV-11D features and specifications is subject to change without further notice.**

Support

For more info or tech support
<http://www.siig.com/support>