



DVI•2000HD
USER MANUAL

www.gefen.com

ASKING FOR ASSISTANCE

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Notice

Gefen Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

The DVI•2000 is a trademark of Gefen Inc.

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OPERATION NOTES

READ THESE NOTES BEFORE INSTALLING OR OPERATING THE DVI•2000

- The fiber optics cable must be treated carefully when connectors are exposed. They are susceptible to dust which can contribute to loss of pixels.
- The DVI•2000 works for all DVI displays and supports resolutions up to 3840x2400
- The DVI•2000 is housed in a metal box for better RF shielding.
- Supports DDWG standard for DVI compliant monitors
- Uses CAT-5 cable for HDCP/DDC and control signals.

INTRODUCTION

Thank you for purchasing Gefen' s extend•it DVI•2000. The DVI•2000 allows extension of DVI Dual Link up to 1640 feet without losing any quality.

CONTENTS

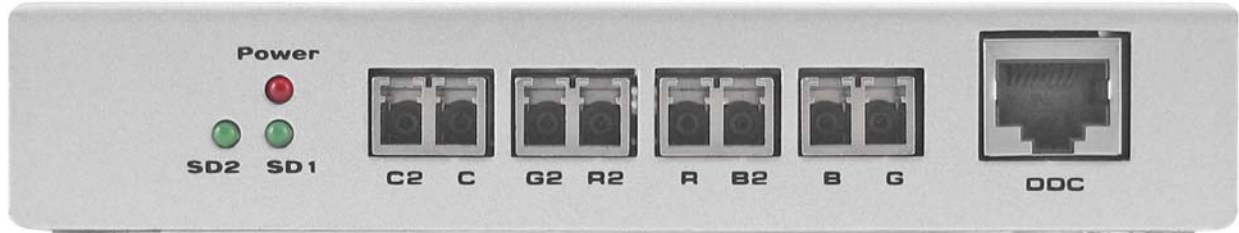
The DVI•2000 consists of:

- (1) DVI•2000S
- (1) DVI•2000R
- (1) DVI Dual Link cable (6FT)
- (1) 12VDC Power Supply
- (1) User Manual

REAR PANELS DESCRIPTIONS

DVI•2000 Sender (Rear View Only)

Power LED indicates the unit is powered



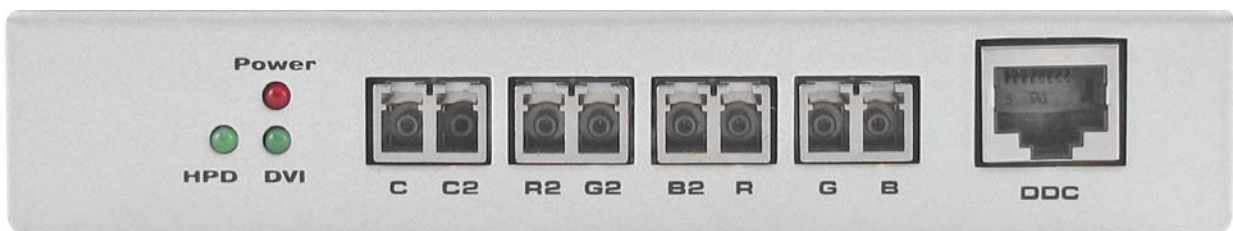
Hot Plug Detect
Status LED indicates
a link between the
sender and receiver

Clock 1 | Red 2 | Blue 2 | Green 1
Clock 2 | Green 2 | Red 1 | Blue 1

HDCP & DDC
Signals

DVI•2000 Receiver (Rear View Only)

Power LED indicates the unit is powered



Hot Plug Detect
Status LED indicates
a link between the
sender and receiver

Clock 2 | Green 2 | Red 1 | Blue 1
Clock 1 | Red 2 | Blue 2 | Green 1

HDCP & DDC
Signals

FRONT PANELS DESCRIPTIONS

DVI•2000 Sender (Front View Only)



|
DVI In

|
Power
Connector

DVI•2000 Receiver (Front View Only)



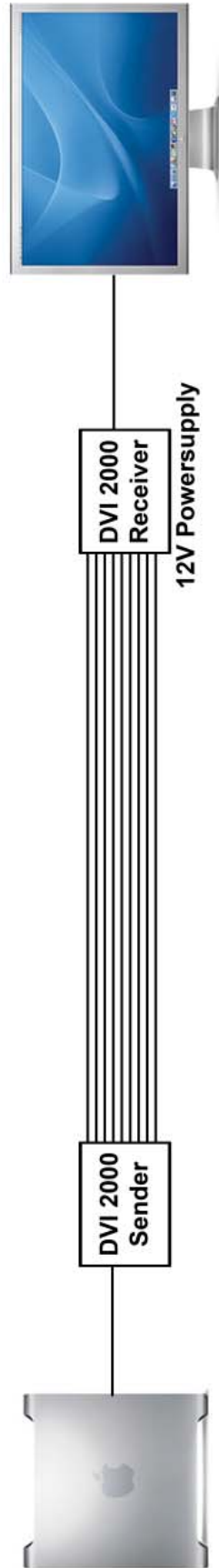
|
DVI Out

|
Power
Connector

HOW TO CONNECT THE DVI•2000

- 1 Connect the DVI•2000 sender unit to the DVI source using the supplied cables.
- 2 Connect the DVI•2000 receiver unit to your DVI display.
- 3 Connect the eight fiber optics and one CAT5 cable between the sender and receiver.
- 4 Plug the 12VDC power supplies into the DVI•2000 receiver.
- 5 You should see a beautiful picture.

DVI•2000 WIRING DIAGRAM



SPECIFICATIONS

Video Amplifier Bandwidth	2x 1.65 GHz
Input Video Signal	1.2 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Dual Link Range	3840 x 2400
DVI Input/Output Connector Type	DVI-D
Link Connector	RJ-45
Power Consumption	15 Watts (max.)
Power Supply	12VDC
Dimensions	4"D x 5.5 "W x 1"H
Shipping Weight	5 Lbs

WARRANTY

Gefen Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within two (2) year from the date of shipment, Gefen Inc. will, at its option repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications.

Equipment 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 ninety (90) days from the day of reshipment to the Buyer.

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

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cable must be free from any scratches, markings, and neatly coiled.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen Inc., be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding EXT-DVI-2000HD features and specifications is subject to change without notice.

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