

Radio Frequency Energy, Certifications, Recycling Information

CE Certification

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55024 and EN55022 for ITE (Information Technology Equipment), EN61000-3-2/-3.

It has been manufactured under the scope of RoHS compliance.

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired



**WEEE (Waste of Electrical and Electronic Equipment),
Recycling of Electronic Products**

All EU countries

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process.

Each individual EU member state has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.



LINDY No. 39399, 39395, 39379

2nd Edition, July 2012

www.lindy.com

LINDY®

CONNECTION PERFECTION

Fiber Optic DVI-D KVM Extender

User Manual

English



CLASS 1 LASER PRODUCT

MAX OUTPUT: 1mW

MULTI WAVE LENGTH: 1310/1550nm

WARNING!

This product contains invisible and/or visible laser beams. Under normal operation this radiation is not harmful to eyes and skin. Avoid eye and skin exposure.

Under normal operation the laser transmitters should switch off when no fibre cable is connected or when the cable is broken. If you experience any problems with this product please contact LINDY. Under no circumstances must the product housing be opened.

No. 39399 1000m Version Multi Mode SC
No. 39395 1000m Version Multi Mode SC Dual Head
No. 39379 5000m Version Single Mode LC



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Introduction

Thank you for purchasing the LINDY Fibre Optic DVI-D KVM Extender. This fibre optic extender allows you to transmit up to DVI-D Single Link @ 1920x1200 or 1080p (without HDCP) and USB mouse and keyboard signals up to a distance of 1000m/3000feet using standard multimode 50/125µm SC Duplex fibre cable. In addition to extending DVI-D, keyboard and mouse signals, the extender can also repeat IR remote commands/signals, with the use of the optional IR Repeater Kit (LINDY No. 38006). The DVI Dual Head version 39395 supports connection of two DVI monitors. The Single Mode LC Duplex version 39379 supports larger distances of up to 5 kilometres.

Features & Specifications

- Extends DVI-D and USB mouse & keyboard signals up to 1/5km (3000/15000)feet
- Compatible with USB and multi-protocol mice and keyboards at the receiver/user console. Does not support USB HID functions for touch screens or similar.
- Compatible with USB or PS/2 mouse and keyboard ports at the transmitter / PC
- Uses standard inexpensive Duplex Fibre Cable
- Auto power save mode when source device is powered off
- Auto Laser disable if fibre cable is broken or removed
- Optional IR repeater function (order IR Repeater Kit separately, LINDY No. 38006)
- Compatible with DVI 2.0 specification, supports DVI-D Single Link
- Supports resolutions up to 1920x1200@60Hz or 1080p without HDCP
- Supports connection of HDMI equipment using DVI-HDMI cables – however, HDCP is not supported.
- Uses EDID emulation for DVI-D video resolution setting
- Maximum DVI-D and USB cable length up to 5m in and out
- Multi country wall mount power supply 100 - 240VAC / 5V DC ~2A

Package Contents

- LINDY Fibre Optic DVI-D KVM Extender x 2 (1x Transmitter, 1x Receiver)
- Multi-Country wall mount power supply 100 - 240VAC / 5V DC
- 1x(2x) DVI-D cable, 2x PS/2 cable, 1x USB A/Mini-B cable – all 2m
- This User Manual

Installation

1. Connect your DVI-D source to the Fibre Optic Transmitter (maximum cable length 5m).
2. For mouse and keyboard signals connect either the two PS/2 cables or the USB A/Mini-B cable from the Fibre Optic Transmitter to your computer. The transmitter supports PS/2 as well as USB connection for mouse and keyboard PC connection.
3. Remove the dust covers from the Fibre Optic Transmitter and Receiver ports and from your Fibre Cable. Connect one end of the duplex fibre cable to the Transmitter and the other end to the Receiver. **This must be set up as A to A and B to B connection (see port labelling on the units) and NOT as a cross over connection as provided by some SC Duplex Cables with pre-installed clamp on the connector.** If you have a cross over cable that does not work on the extender please swap the connectors over with each other on one end only. Please ensure that the connectors are fully engaged before proceeding.
4. Use another DVI-D cable (maximum length 5m) to connect your DVI-D display device to the DVI-D port on the Receiver.
5. Connect your USB (or multi protocol USB-PS/2) mouse and keyboard to the USB ports on the receiver labelled with mouse and keyboard symbols.
6. If you are using the optional IR extender kit (LINDY No. 38006) please connect the IR receiver to the receiver unit and the IR transmitter to the transmitter unit and place the IR receiver and transmitter in appropriate position.
7. Plug the power supplies into the transmitter and receiver and power on.
8. Then power on your display and source to complete the installation

Please Note: The extender uses EDID emulation for the video signal resolution setting. The highest supported resolution is 1920x1200@60Hz. If your monitor is only able to support lower resolutions it may be necessary to set the video resolution on your signal source (computer) before installing the extender.

Troubleshooting

If you have no image on your display

- Check that the DC plugs and jacks used by external power supplies (both the extender units and others) are firmly connected and that the Power LED is on.
- Check that the fibre connectors are plugged in correctly and that the Link Status LED is lit. If the Link LED is not lit then check your cable has a A:A and B:B configuration. If it still is not lit, please try another cable to make sure it isn't broken.
- Check that the DVI-D source and display are both powered on and active. Please note that HDCP is not supported.
- If Power and Link LEDs are on, reduce the length of DVI-D, USB and PS/2 cables.
- If you cannot solve the problem please contact the LINDY Support team – you can find our worldwide contact information always up to date on our website.