LINK-MI®

LINK-MULTIMEDIA INTERFACE

USER MANUAL

LM-DVI-108B

DVI 1x8 SPLITTER

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

The DVI splitter can allow multiple video display units connected to one DVI Source and display the same HD picture at the same time. So that you can share one signal source, greatly reduce the cost of system.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCTION

FEATURES：

- 1x DVI input and 8xDVI output
- Support resolution:up to 4096x2160@30Hz
- Support for long distance signal transmission
- Installs in minutes, No loss of quality
- Supports wide range voltage DC input (DC5V)

PACKAGE CONTENTS:

1. Main unit 1pcs
2. AC power adapter 1pcs
3. User manual 1pcs

FEATURES OF THE INTERFACE:

FIG.1.0 Rear Panel View

ON/OFF: Power Switch

DC12V: DC input

IN: DVI-D input port

OUT 1-8: DVI-D output port

NOTE : EDID MODE: After the splitter is powered on, and then there is a display machine connected to the OUT1, the splitter will get the EDID of display machine connected OUT 1. If there is no any display machine connected to output1, the machine will use default EDID output.

FIG.1.0 Front Panel View

PW: Power LED

SIG: Signal LED

1-8: HDMI output LED

OPERATIONG AND CONNECTION：

1. Connect one single link DVI-D cable from a DVI signal source into the input port of splitter.
2. Connect single link DVI-D cables from TV/Monitor into the DVI output ports of splitter.
3. Connect DC plug of AC adapter to DC jack and inserted into the power socket.

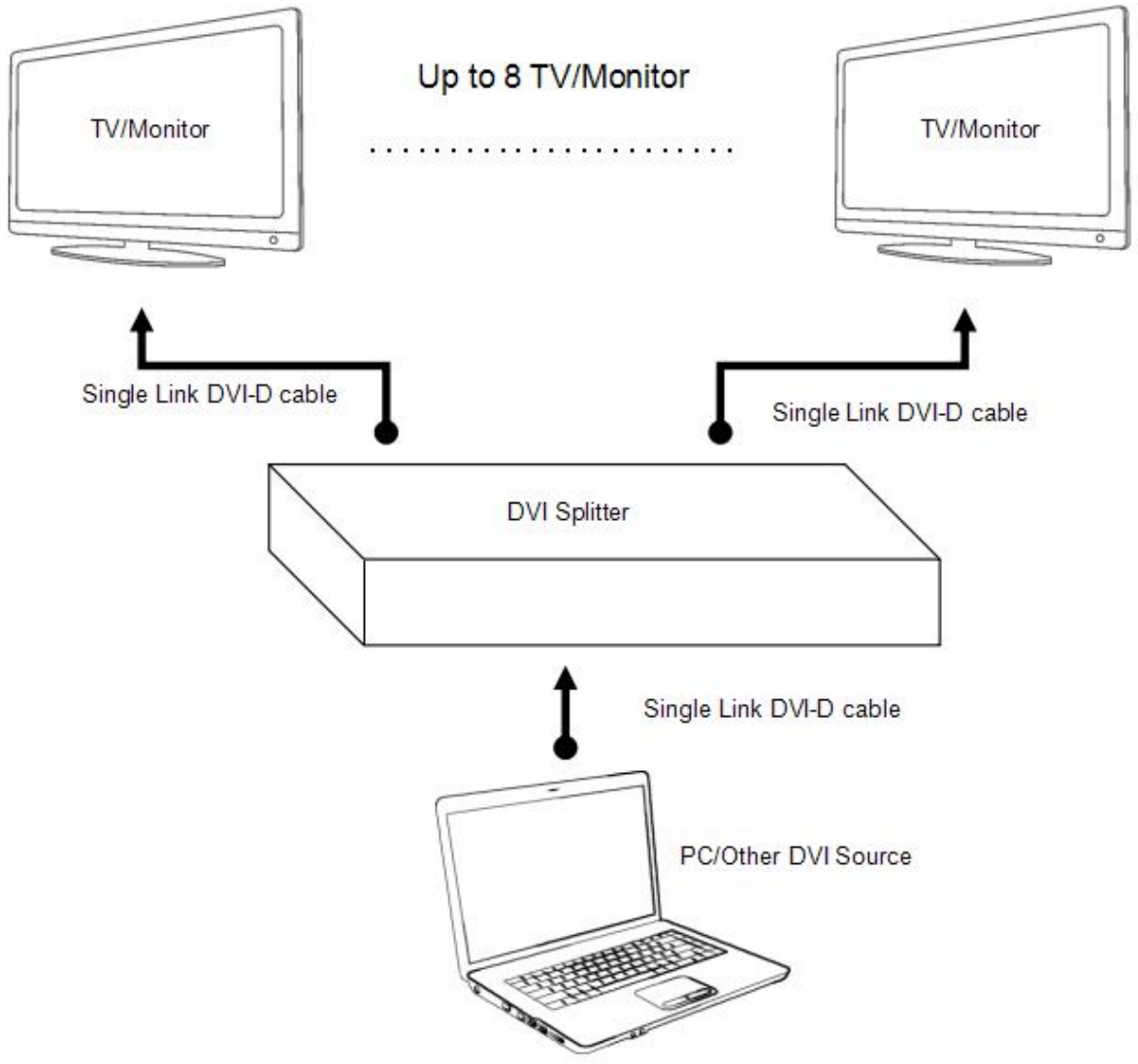

FIG.1.1 CONNECTION DIAGRAM

SPECIFICATIONS:

DVI interface type	DVI-D 29-pin, female
Single link input/output resolution	up to 4096x2160@30Hz
Max signal bandwidth	340MHz
Max baud rate	3.4Gbps Serial Link
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)
Input/Output DDC signal	5Volts p-p (TTL)
Max working current	1A/12V
Power adapter	AC 100V～240V 50HZ/60Hz, DC12V/2A
Operating Temperature range	-5 to +45℃
Storage Temperature range	-15 to +55℃
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range	5 to 95%RH (No Condensation)

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adapter with the wet hands is prohibited.
4. Pls hold the power adapter head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machines not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adapter.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	Non-Power-Connected	1. Check if the power adapter head is truly and correctly inserted the power socket. 2. Check the power if it is in on status.
2	No Picture / Abnormal Picture	1. Confirm the device has been turned on and properly connected. 2. Check the signal source output resolution is appropriate. 3. Device EDID read error, please reboot. 4. Check the cable quality.
3	Display format is not supported	1. If the display unit does not support the resolution, you need to change the signal source output resolution. 2. Change the signal source refresh frequency.