DVI SPLITTER

Dual link DVI-D & up to 4K

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.

FEATURES：

- 1X DVI-D input and 2X DVI-D output

- Support dual Link DVI-D signal transmission, resolution up to 3840X2160@30Hz

- Support resolution 640X480@60Hz to 3840X2160@30Hz, compatible with the HDMI 1080P standard

- Support for long distance signal transmission

- Installs in minutes, No loss of quality

- Supports wide range voltage DC input (DC5V~12V)

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

DC5V: DC input jack (support DC5V~12V input)

Input: Dual link DVI-D input port

Output1~16: Dual link DVI-D output ports

OPERATIONG AND CONNECTION：

1. Connect one dual link DVI-D cable from a DVI signal source into the input port of splitter.

2. Connect dual link DVI-D cables from TV/Monitor into the DVI output ports of splitter.

3. If the resolution is higher than 1920X1080@60Hz, you must use a dual link DVI-D cables, the signal source

   and the display must be able to support this resolution.

4. Connect DC plug of AC adapter to DC jack and inserted into the power socket.
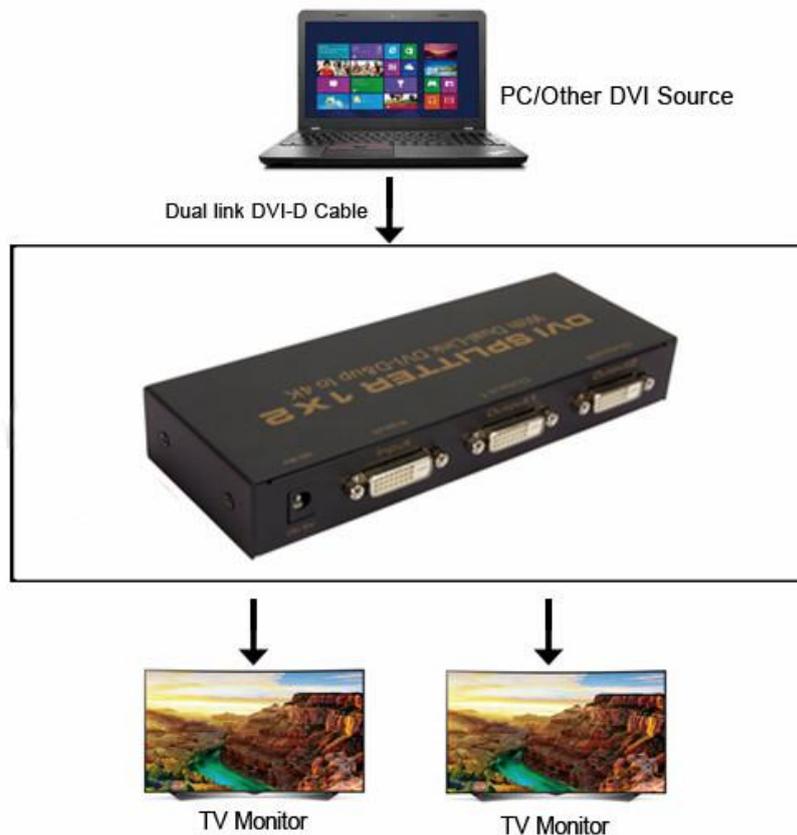
FIG.1.1 CONNECTION DIAGRAM

SPECIFICATIONS:

DVI interface type ……………………………………………………………........................... Dual link DVI-D

Single link input/output resolution …………………….......................................up to 1920x1080@60Hz

Dual link input/output resolution …………………….....................................up to 3840x2160@30Hz

Support video color format ……………………...…………….………..24bit/deep color 30bit,36bit

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)

DVI input cable distance…………………………….………≤10m AWM 20276 DVI standard cable

DVI output cable distance…………………………………...≤10m AWM 20276 DVI standard cable

Max working current …………………………………….…………….……….……………….0.8A/5V

Power adapter …………………………………...…...…….……AC 100V～240V 50HZ/60Hz, DC5V/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)

Case Dimension (L x W x H) ………………………………….……….…………. 179x66x28mm

Weight ……………………………………………………………….……...370g

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. Cables selection error. If the resolution is higher than 1920X1080 @60Hz, you must use a dual link DVI-D cables. 5. Check the cable quality.
3	Display format is not supported	1. Display units not support the resolution, you need to change the signal source output resolution. 2. Change the signal source refresh frequency.