

User's Manual

Specifications

	VCDPP-200	VCDPP-210
Input Port	DVI-DL (Digital Only)	DVI-DL (Digital Only) USB-B
Output Port	Mini DisplayPort	Mini DisplayPort USB-A
Resolution (Max.)	2560 x 1600 (WQXGA) 2560 x 1440 (WQHD)	
USB Pass-Through	N/A	Yes
GPU Output Compatibility	N/A	Modifiable
Power-saving Mode	N/A	Selectable
Chassis Material	Metal	Metal
Power Adapter	DC 5V	DC 5V
H x W x D (mm)	23 x 75 x 102	23 x 75 x 102

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT, LOSS OF BUSINESS, OR FINANCIAL LOSS WHICH MAY BE CAUSED BY THE USE OF THE PRODUCT EXCEEDS THE PRICE PAID FOR THE PRODUCT.

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Features

- Allow dual link DVI signal to display on the 27" / 30" Mini DP monitor or iMac 27" / Apple 27" display
- Support DVI Dual Link resolution up to 2560 x 1440 / 2560 x 1600
- Intelligent EDID Handshaking output accurate display resolution
- Support most of the predefined video resolution
- The extraordinary image display technology output 1920 x 1080, 1920 x 1200 on the 27" or 30" monitor
- True pixel to pixel signal
- Input video resolution selectable; the system will automatically select either DVI-DL or Full HD signal depending on the video source
- Hardware based video converter; no driver needed or software required
- Easy to install and simple to operate
- Unique USB extension port supported for neat installation (optional)
- Modified GPU output compatibility depending on different video cards for the best video demonstration (optional)
- Auto power-saving mode available (optional)
- Optional VESA mounting bracket supported (for VESA mountable display attachment)

* Most of similar products on the market only support Single Link 1280 x 720 @ 27" / 1280 x 800 @ 30"

Package Contents

DVI to Mini DisplayPort converter	x 1
Power Adaptor	x 1
User's Manual	x 1
Foot Pad Set	x 1
DVI Dual Link Cable	x 1
Option:	
Magnetic foot pad with necessary screws (Avoid locating it near any strong sources of electromagnetic radiation such as CRT monitors, high power electric cabling, audio equipments, and tape recorders)	x 1

- Use only good quality connection cables to avoid interference
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise

DVI Dual Link to Mini DisplayPort Converter



VCDPP-200
VCDPP-210

■ The final specification is the actual product based.
■ Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

PP5-MPZ0200-000 CE FCC RoHS

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Operation:

EDID Communication

Each time users plug a (new) monitor to the mini DisplayPort connector, system automatically performing the EDID communication. Top panel LED flashes red and green alternatively indicating the unit is reading the EDID of the connected monitor.



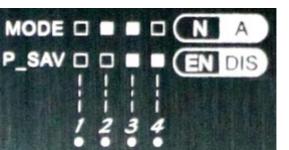
Mode	LED Indicator
Power On	Steady Green
Power On + Video Transmitting	Steady Blue
EDID Communicating	Flash Red and Green
Energy-saving (VCDPP-210 only)	Flash Green

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Advanced Operation: (VCDPP-210 only)

Slide Switch

Converter slide switch is designed to modify the "GPU-to-Monitor" EDID signal depending on different Video Card/ Display devices performance and provide the energy-saving function. There are 4 positions for different EDID Setting and Power Mode selection.



Position	EDID Mode	Energy-saving Function
1	Mode N	On
2	Mode A	On
3	Mode A	Off
4	Mode N	Off

EDID Mode

Mode N: System will optimize the EDID data between the GPU and Display device.
Mode A: System will not optimize the EDID data between the GPU and Display device.

There is a variety of DVI/ DisplayPort/ Mini DisplayPort video cards and display devices in the market. The compatibility requirements between video source and DP display are strict and critical. To achieve the best video presentation, users can select the proper position on the slide switch according to different video card performance.
In general, Mode N setting has better EDID communication between NVIDIA video card and Display.

Energy-saving Function

Energy-saving Function: On
When converter cannot detect any monitor EDID or "DVI +5V" signal (Pin 14,+5V,Power for monitor when in standby) the system will automatically go into energy-saving mode.

NOTE: Turn off this function if your video card cannot send "+5V" signal

Product Description



A	Video Connector	Connect to computer video output
B	USB Connector (VCDPP-210 only)	Support power supply via the USB port (NOTE: 600mA required) so that the attached power supply need not to be used
C	Power supply	Apply the proper power to the unit
D	LED Indicator	Green: Power On Blue: Video signal transmitting
E	Slide Switch (VCDPP-210 only)	1. GPU Select 2. Energy-saving
F	Video Connector	Connect to Mini DP monitor
G	USB Connector (VCDPP-210 only)	Connect to monitor's USB port