User Manual

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DisplayPort to DVI Cable Adapter 15CM w/IC

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.

1.0 INTRODUCTION

This is a DisplayPort to DVI Cable Adapter for interfacing next generation DisplayPort based PC and notebook computers with conventional DVI displays, such as CRT, LCD monitors, and projectors. DisplayPort offers a unified, scalable, and cost effective interface for embedded and external display applications. As desktop and notebook PCs are increasingly transitioning from conventional analog type interfaces to DisplayPort, the converter facilitates the transition by offering seamless connectivity between new DisplayPort PC and the installed base DVI monitors and projectors.

It offers solutions for digital entertainment center, projector factory, noisy space and security concerns, conference room presentation, school and corporate training environments.

1.1 FEATURES

l   Support DisplayPort 1.1a input and DVI output.
l   Support DVI highest video resolution 1080p.
l   Support DVI 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
l   Support DVI 12bit per channel (36bit all channel) deep color.
l   Powered from DisplayPort source.

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920x1080P
Output Video	DVI
Input/Output Connector	Input: DisplayPort Male 20pin Output: DVI Female (24+5)
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.25Gbps/225MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	

Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 ℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	No external power needed
Power consumption (Max)	3W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
Accessories Adapter	
User Manual	

Note: Specifications are subject to change without notice.

3.0 Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:
l   Main unit
l   User's Manual

4.0 PANEL DESCRIPTIONS

5.0 CONNECTION AND OPERATION

1) Connect the DisplayPort male to DisplayPort source device.
2) Connect the DVI female to display by DVI M/M cable.
     If you use DisplayPort F/F coupler, please use special DisplayPort cable with 20th pin connected

Attention: Insert / Extract cable gently.