USER MANUAL

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VGA to DVI Converter

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 kind of Converter is a VGA video converter. It converts VGA input into DVI and allows PC users to enjoy a larger image on TV.
It offers solutions for digital entertainment center, HDTV retail and show sites, HDTV, STB, DVD and Projector factories, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

This DVI converter has many features that enable it to perform in a superior manner. Among those features you will find:
- Easy to Use: Install in seconds, no need of setting.
- Conversion: It could convert PC's VGA video into complete DVI.
- Supports highest video resolution 1280x1024.
- Supports 165MHz/1.65Gbps per channel (6.75Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep color.

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	0.5-1.0 volts p-p
Input Video	VGA （female）
Output Video	DVI （female 24+1）

VGA Resolution	640x480 60Hz 75Hz 800x600 60Hz 75Hz 1024x768 60Hz 75Hz 1280x720 60Hz 75Hz 1280x768 60Hz 75Hz 1280x960 60Hz 75Hz 1280x1024 60Hz 75Hz
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gpbs/165MHz
Mechanical	
Size(W-H-D)	88mmW x 25.5mmH x 68mmD
Weight(Net)	0.68kgs
Environmental	
Operating Temperature	0 ℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 95 % RH (no condensation)
Power Requirement	
External Power Supply	5V DC@2A
Power consumption (Max)	5W

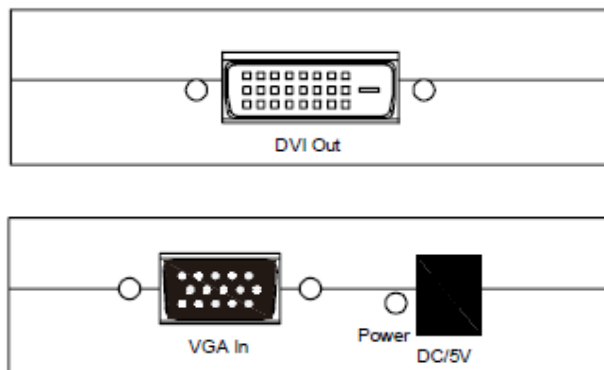**Note: Specifications are subject to change without notice.**

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:
- Main unit.
- 5V DC Power Supply
- User's Manual

4.0 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(s), output(s) and power requirements.

DVI Out

VGA In   Power DC/5V

5.0 CONNECTION AND OPERATION

Before installation, please make sure all devices you wish to connect have been turned off.

1) Connect the VGA video from computer to this product. (Input cables are optional)
2) Connect the DVI output from this product to the TV which has DVI input.
3) Insert the DC side of 5v power supply into this product and then connect the AC side of the power supply into the wall outlet.
4) Power on the computer and TV, choose the input of TV to its DVI channel.

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM

PC   VGA Cable   VGA to DVI Converter   DVI Cable   DVI Display

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