

# 30011 User Manual

## VGA to HDMI Converter



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.

## **SURGE PROTECTION DEVICE RECOMMENDED**

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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### Introduction

The product is designed to convert VGA interface to HDMI interface and convert analog signal and audio signal for computer to digital signal for HD applications (such as displays that support high definition). It can be converted into HDMI signal for all VGA output equipment. The product is mainly used in HDTV exhibition places, plants engaged in HDTV, STB and projector equipment such as DVD, data monitoring center, large-scale convention and exhibition center, school and companies. With the product, you can fully experience the fun of HD family cinema.

### Features

- HDMI signal output, Version 1.2,
- Automatic detection of input and the resolution of output signal
- Support video input: VGA analog signal
- Support audio input R/L analog signal
- Input signal format: 800x600, 1024x768, 1280x720, 1280x960, 1280x1024, 1360x768, 1600x900, 1920x1080.
- Output HDMI format: 480p(60Hz), 576p(50Hz), 720p(50Hz/60Hz), 1080i(50Hz/60Hz), 1080p(50Hz/60Hz)
- Video signal output impedance matching: 75Ω
- Working environment temperature: -25°C ~ 75°C
- Working environment humidity 10% ~ 60%
- Signal standard: Max. transmission rate 5,1 Gbps, Input video signal 0,5~1,5 Volts pp
- Max. operating current: 500 mA
- Dimension (LxWxH): 66x55x20 mm, weight 100g

## Connection Descriptions

**1.**

Connect the audio cable and VGA cable that come with the product to computer vga/audio output and converter input



**2.**

Connect the HDMI cable to sink input and converter HDMI output.



**3.**

Plug the Mini USB power cable that comes with the product into a USB power port.





4.

To get the best results change your VGA input resolution to 1920x1080@60Hz.

## Package Contents

1. 1x 30011 VGA to HDMI Converter
2. User manual
3. Mini USB power cable
4. 1x 3,5 RCA audio cable
5. 1x VGA cable
6. 1x HDMI cable

## Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

## Warranty Policy

TLS electronics products are warranted against defects in material and workmanship for three years from the date of shipment. During the warranty period, TLS electronics will, at its option, repair or replace products that prove to be defective. Repairs are warranted for the remainder of the original warranty or a 90 day extended warranty, whichever is longer.

For equipment under warranty, the owner is responsible for freight to TLS electronics and all related customs, taxes, tariffs, insurance, etc. TLS electronics is responsible for the freight charges only for return of the equipment from the factory to the owner. TLS electronics will return the equipment by the same method as the equipment was sent to TLS electronics.

All equipment returned for warranty repair must have a valid RMA number issued prior to return and be marked clearly on the return packaging. TLS electronics strongly recommends all equipment be returned in its original packaging.

TLS electronics obligations under this warranty are limited to repair or replacement of failed parts, and the return shipment to the buyer of the repaired or replaced parts.

### **Limitations of Warranty**

The warranty does not apply to any part of a product that has been installed, altered, repaired, or misused in any way that, in the opinion of TLS electronics, would affect the reliability or detracts from the performance of any part of the product, or is damaged as the result of use in a way or with equipment that had not been previously approved by TLS electronics.

The warranty does not apply to any product or parts thereof where the serial number or the serial number of any of its parts has been altered, defaced, or removed.

The warranty does not cover damage or loss incurred in transportation of the product.

The warranty does not cover replacement or repair necessitated by loss or damage from any cause beyond the control of TLS electronics, such as lightning or other natural and weather related events or wartime environments.

The warranty does not cover any labor involved in the removal and or reinstallation of warranted equipment or parts on site, or any labor required to diagnose the necessity for repair or replacement.

The warranty excludes any responsibility by TLS electronics for incidental or consequential damages arising from the use of the equipment or products, or for any inability to use them either separate from or in combination with any other equipment or products.

A fixed charge established for each product will be imposed for all equipment returned for warranty repair where TLS electronics cannot identify the cause of the reported failure.

## **Exclusive Remedies**

TLS electronics's warranty, as stated is in lieu of all other warranties, expressed, implied, or statutory, including those of merchantability and fitness for a particular purpose. The buyer shall pass on to any purchaser, lessee, or other user of TLS electronics products, the aforementioned warranty, and shall indemnify and hold harmless TLS electronics from any claims or liability of such purchaser, lessee, or user based upon allegations that the buyer, its agents, or employees have made additional warranties or representations as to product preference or use.

The remedies provided herein are the buyer's sole and exclusive remedies. TLS electronics shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory.

## **RMA Policy**

When returning product to TLS electronics for any reason, the customer should fill out the official RMA form to obtain a RMA number. Without the permission or approval, TLS electronics will be no responsible for any return. This can be initiated by emailing or calling your related sales. All requests are processed within 48 hours.

## **Standard Replacement**

For customers that agree to return defective product to TLS electronics first, a Standard Replacement option is available. An RMA number must first be issued by sales. This RMA number will need to be referenced on the outside of the return shipment.

Upon receipt of the defective product, TLS electronics will, at its discretion, either repair or replace the product and ship it out in the most expeditious manner possible. Subject to availability, the replacement product will be shipped on the business day following receipt of the defective product.

In the event the product returned to TLS electronics has been discontinued (i.e. the product is no longer being manufactured by TLS electronics but is still under warranty), TLS electronics will, at its discretion, either repair or replace with recertified product.

### **Once you have obtained an RMA number**

After obtaining an RMA number from TLS electronics, you must send the product - freight prepaid - to TLS electronics. The TLS electronics RMA number must be prominently displayed on the outside of your package. If you send your product to TLS electronics without the RMA number prominently displayed on the outside of the package, it will be returned to you unopened.

Please use a shipping company that can demonstrate proof of delivery. TLS electronics does not accept responsibility for any lost shipments unless proof of delivery to TLS electronics is provided.

### **Please note:**

Product shipped to TLS electronics must be properly packaged to prevent loss or damage in transit.

Shipping your RMA to TLS electronics using regular mailing envelopes is not acceptable, as they do not protect the product from damage during shipping.

TLS electronics will not repair or replace a module that is shipped in such a way that the product is not properly protected.

TLS electronics will not accept any product that has been damaged as a result of accident, abuse, misuse, natural or personal disaster, or any unauthorized disassemble, repair or modification.