Ethernet/USB to HDMI/VGA Converter - ID# 880

Operation Manual

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Introduction

The Ethernet/USB to HDMI/VGA Converter can send audio/video signals from a Notebook/PC over a local area network through regular Ethernet cables to a TV which can be used as the primary display. When a keyboard and mouse are plugged in, the Ethernet/USB to HDMI/VGA Converter lets you browse the internet, edit word processing documents and play your music/movies on a TV. Supporting a direct connection up to 100meters away when using network cables, this gadget also includes two USB ports which let users operate printers, scanners and other USB devices at the same time, just like a PC. This is useful in many different scenarios, for example: During meetings each attendee would be able to access a projector from their laptop without having to fumble with any cables as long as they are connected to the network. The Ethernet/USB to HDMI/VGA Converter can also be used as a simple USB to HDMI signal converter thanks to its mini USB input port.

Features

- Experience the complete PC environment on a TV from 100 meters away
- Allows a TV to act as the primary PC display and when using a keyboard and mouse you can browse the internet, use Microsoft Office and watch/listen to music/movies from any networked computer
- Can handle high-speed (480Mbps), full-speed (12Mbps) and low-speed(1.5Mbps) Transaction
- Supports high performance 16-bit stereo, 48KHz audio sampling rate
- Compliant with USB 1.1/ USB 2.0 (Hi-speed)
- Supports Ethernet protocols TCP/IP
- Supports 10/100/1000Mbase Ethernet
- Extend or mirror audio and video through a network or USB cable to an HDMI display
- Share HDMI displays with multiple users through your existing office or home IP network
- Add an HDMI display to your computer through a USB 2.0 port.
- Supports mirror and extended video modes

System Requirements

System Hardware Requirements: 2.4GHz single core CPU with at least 1 GB RAM for optimal performance
Operating Systems: Windows 2K SP4 / Windows XP Home or Professional 32 bits SP2 /Windows Vista 32 bits Windows 7
Note:
Resolution: 1080p resolution works best with an USB connection up to 2M long
– The Ethernet interface does not support MAC OS whereas the USB can support Mac OS X v10.4.11 and v10.5.6
USB port Extension: An available USB 2.0 port with USB to mini USB cable
Network Extension: An available Ethernet port at home or a commercial network with RJ-45 cable
– Keyboard and Mouse for using PC applications
– Upgrade the graphics drivers, Display Link software and the mother board's chip set driver to their latest versions.

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Specifications

–	*Video Resolution*	1600 x 1200/1920 x 1080 (wide)
–	*Video input*	1 x Ethernet RJ-45; 1 x USB (not compliant with USB 1.1 & 1.2)
–	**Network Protocol**	TCP/IP
–	**Network Interface**	10/100/1000Mbps
–	**Video output**	1 x HDMI; 2 x USB (Hubs for Keyboard & Mouse); 1 x VGA
–	**Audio output**	1Vp-p 47KΩ 3.50 Phone Jack
–	**Operating System Support**	Windows 2K SP4, XP SP2, Vista 32bits and Window 7
–	**ESD Protection**	Human Body Model: ± 8KV (air-gap discharge)
		: ± 4KV (contact discharge)
–	**Operating Temperature**	0°C - 40°C/ 32°F -104°F
–	**Storage Temperature**	-20°C - 60°C/ -4°F -140°F
–	**Relative Humidity**	20-90% RH (non-condensing)