CDL-125
USB to HDMI Converter

Operation Manual

CDL-125

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Safety Precautions

Please read all instructions before attempting to unpack or install or operate this equipment, and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through module openings or empty slots, as you may damage parts.
- Do not attach the power supply cabling to building surfaces.
- Do not allow anything to rest on the power cabling or allow it to be abused by persons walking on it.
- To protect the equipment from overheating, do not block the slots and openings in the module housing that provide ventilation.

Revision History

Version No	*Date*	*Summary of Change*
RDV1	*20101126*	*Preliminary Release*

Table of Contents

1. Introduction **1**
2. Applications **1**
3. Package Contents **1**
4. System Requirements **1**
5. Features **1**
6. Installation **3**
7. Using the DisplayLink Manager **4**
7.1 Using the DisplayLink Manager 4
7.2 Using More DisplayLink Manager 8
7.3 Firmware Update 8
8. Uninstall the Device Driver **9**
9. Specifications **11**
10. Troubleshooting **11**

1. Introduction

This USB to HDMI converter enables you to add an additional monitor to a laptop or desktop through the use of USB 2.0 ports, freeing you from the complicated process of installing VGA cards. With this device, you can extend your display across two screens, letting you to surf the web on one and make a spreadsheet/presentation/ use a word processor on the other. Furthermore, this device has a mirrored mode, allowing you to display the same desktop image on two monitors. The Display Link Manager supports HDMI outputs and a screen resolution up to 1440 x 900 (16/32 bit), this follows the displays native resolution. DisplayLink Manager can be used in many ways, and those who are teachers, designers, architects or engineers will find the extra screen real estate especially useful.

2. Application

- Duel screen display
- Video editing
- Multi-tasking

3. Package Contents

- USB to HDMI Converter
- Operation Manual x 1
- Driver CD x 1

4. System Requirements

- Operating System: Microsoft Windows XP, Vista (32/64 bit) and Windows 7, Mac OS X Tiger 10.4.11 or Mac OS Leopard 10.5.5.
- Processor: Pentium 4 2.4GHz or above
- 512MB RAM or above
- A USB 2.0 port
- 30Mb of available disk space

5. Features

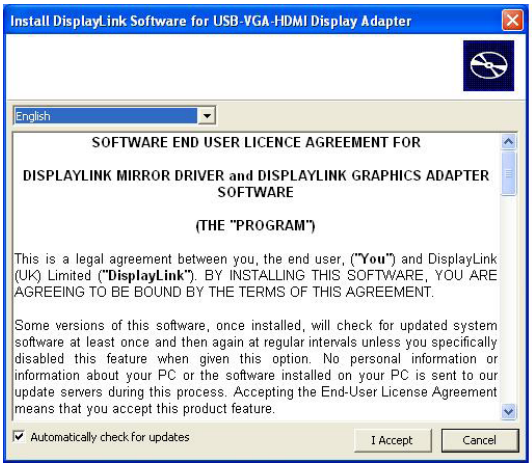
- Quick and easy installation
- Connects up to 6 (Windows OS)/ 4 (Mac OS) displays to one PC through USB 2.0 ports.
- Supports HDMI output.
- Supported screen resolution between VGA and 1440 x 900 bits (at 60HZ).
- Bundled Software includes:
  - Extended and Mirror modes
  - Adjustable screen resolution and color quality in extended mode.
  - Allows you to rotate the screen on the additional display by 90, 180 or 270 degrees
  - Automatic updates
  - Compatible with Windows XP and Vista (32/64bit)and Window 7, Mac OS X Tiger 10.4.11 or Mac OS Leopard 10.5.5.
- Completely new architecture to support Vista Aero (32/64bit).
- Supports all Intel Macs.
- No external power supply needed (power is supplied from the PC through the USB connection).

6. Installation

Product overview (Picture)

PC/NB CDL-125 Monitor

Step 1: Insert the provided driver CD into your CD-ROM drive, then click the **Setup.exe** file and select your language to begin the installation.



Step 2: Connect the device to a USB 2.0 port by using the provided USB cable.

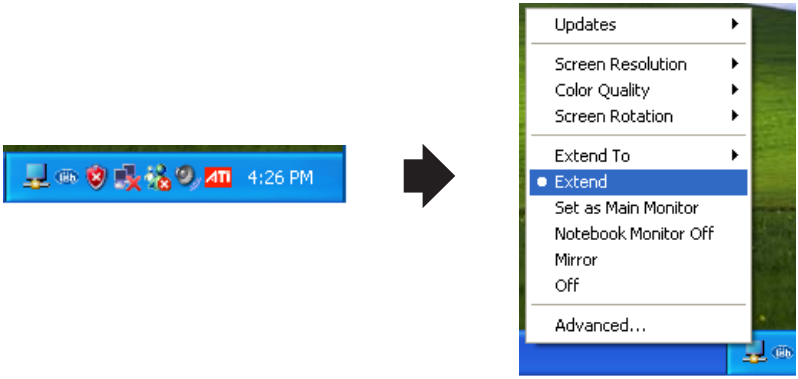
Step 3: Use the HDMI cable to connect your monitor or projector.

Step 4: Switching EDID. The default setting is on and the device will detect the TV's EDID. Leave as is when the display is working properly. Switching the input source from on to off means the PC must be rebooted in order for the device to use the built-in EDID. However when switching from off to on it is not necessary to perform a reboot.

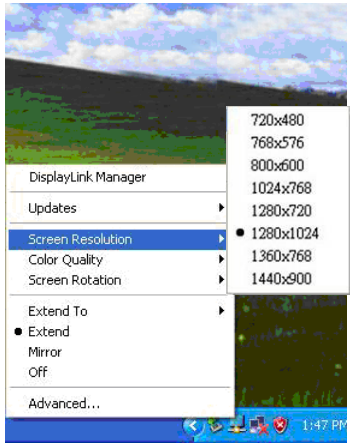
7. DisplayLink Manager

7.1 Using the DisplayLink Manager

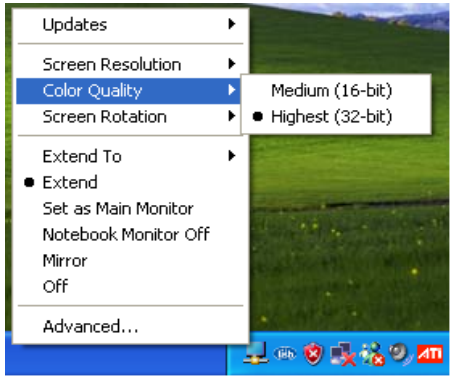
After the driver is installed, a utility (DisplayLink Manager) will automatically appear in the system tray. The utility allows you to quickly change the settings and resolution for DisplayLink Manager. Right clicking the icon will bring out the context menu.



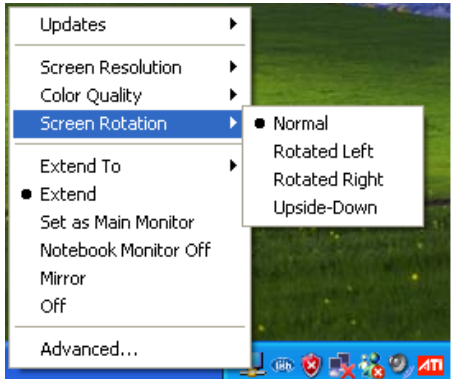
- **Screen Resolution:** Select the screen resolution (available only in extended mode).
  NOTE: When the EDID is switched on the display will select the native screen resolution and will show a few preferred options. When turned off the display will show every available screen resolution.



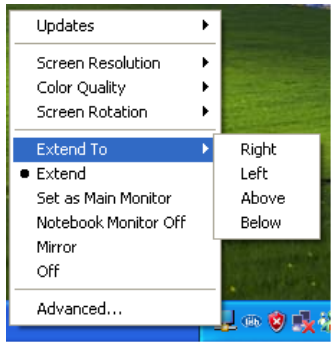
- **Color Quality:** Select the screens color quality (available only in extended mode).



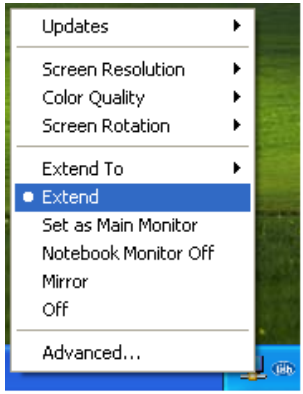
- **Screen Rotation:** Rotate the screen on the additional display by 90, 180 or 270 degrees.



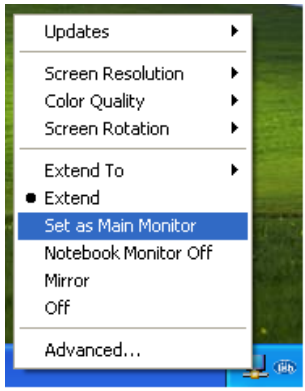
- **Extend to:** Reposition the extended screen to the top, bottom, left or right of the primary display.



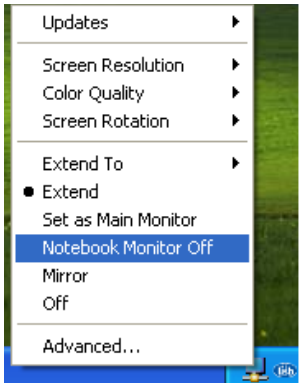
■ **Extend:** Set the DisplayLink Manager to Extended mode.



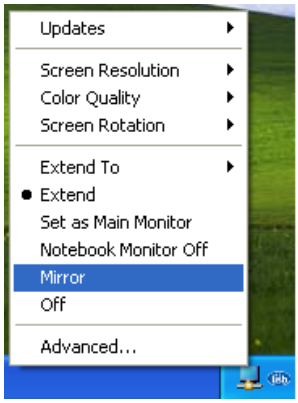
■ **Main Monitor:** Use to select which display will be your Main Monitor.



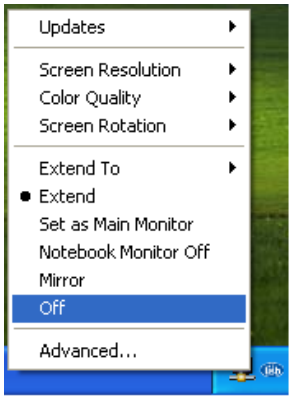
■ **Notebook Monitor Off:** Select this to turn off your Notebooks display.



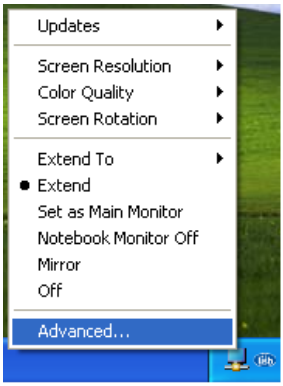
- **Mirror:** Set the DisplayLink Manager to Mirror mode. You can see the same desktop image on the additional monitor.

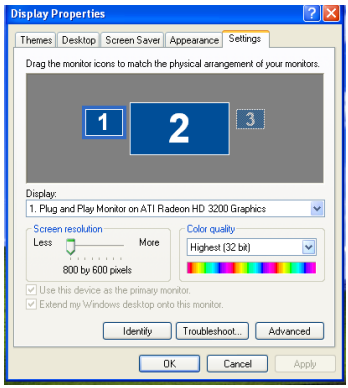


- **Off:** Disable the DisplayLink Manager.



- **Advanced:** Directly access the **Display Properties.** You can also adjust the resolution, color quality, position and refresh rate via the **Display Properties.**





7.2 Using More DisplayLink Manager

You don't need to install the driver again as long as the previous driver installation process was completed in advance. It will automatically define the ID of the new DisplayLink Manager. All the DisplayLink Managers will be listed in the Display Properties or the display manager menu.

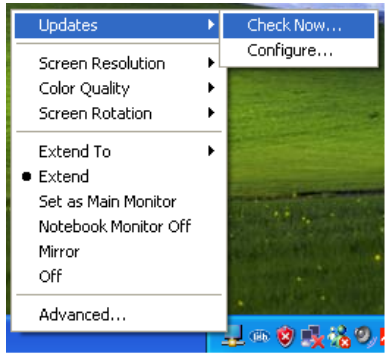
NOTE: When connecting more DisplayLink Managers to a computer, a system with higher CPU performance is recommended.

7.3 Updating Firmware

- **Manually Update**

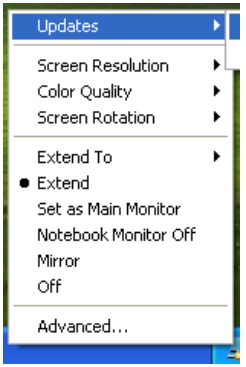
  Click the **Updates** → **Check Now…,** and it will check and download the latest firmware immediately.

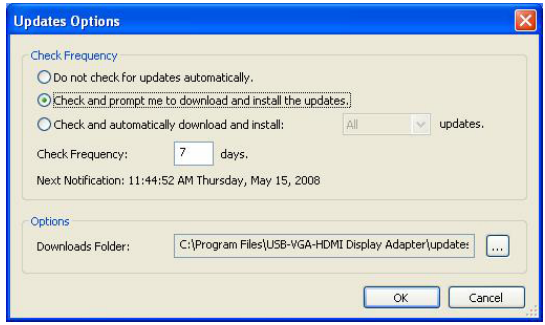
NOTE: Confirm that your computer is already connected to the network.



■ **Automatic Update**

Click the **Updates** → **Configure**… , the **Updates Options** window will appear as shown below. You can now customize the update method and the frequency at which the system checks for updates.



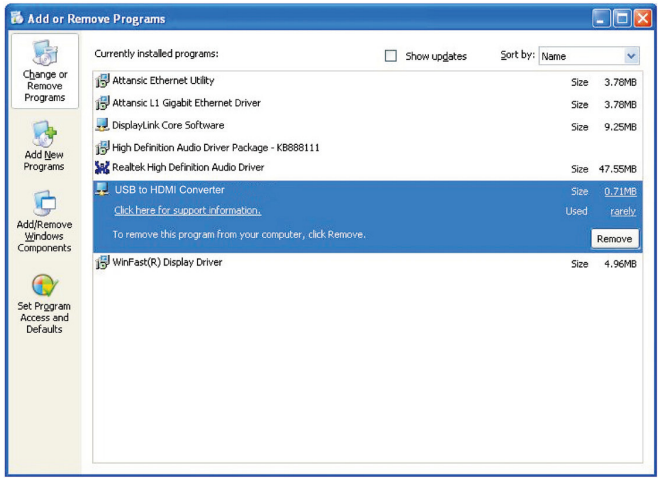


8. Uninstall the Device Driver

Follow the steps below to uninstall the driver.

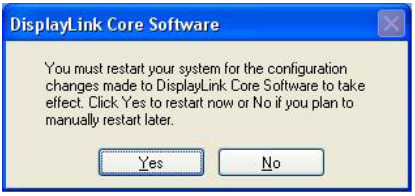
Step 1: Open the Control Panel: **Start** → **Control Panel** → **Add or Remove Programs.**

Step 2: Select **USB-VGA-HDMI DisplayLink Adapter** and click **Remove.**



Step 3: Click Yes to confirm the removal.

Step 4: Click Yes to restart your computer.



9. Specifications

Video input	USB 2.0
Video output	HDMI
USB	2.0
Operating System Support	Window XP/7, Vista 32/64, Mac OS X Tiger 10.4.11 or Mac OS X Leopord 10.5.5
Dimensions (mm)	100 x 65 x 20
Wight (g)	88
Chassis Material	Plastic
Color	Black
Operating Temperature	10°C ~ 40°C
Power Consumption	2W

10. Troubleshooting

Situation	Check Point
The device driver has been installed, but the DisplayLink Manager is not working	1. Make sure you restart your computer after the driver installation. 2. Check all the connectors are plugged in correctly. 3. Make sure the USB port that you are using is USB 2.0. 4. Make sure the additional monitor is connected and powered on. 5. Make sure the operating system is compatible. Display Link Manager is compatible with Windows 2000, XP and Vista (32bit). 6. Try a different USB 2.0 port or computer. 7. Check USB cable's specification.
DVD player not working when move it over to the extended display.	1. First open the program on the additional display before playing the DVD.
The mouse does not move past the right side of the screen as it should on extended desktop.	1. Check the display settings and make sure that your display number two and is on the right side of display number one.

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