



# USB 3.0 Docking Station Installation Guide

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## Introduction

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The *USB 3.0 Docking Station* is designed for a computer with multiple connectivity needs.

## Key Features and Benefits

- Expands connectivity to your UltraBook or Hybrid tablet/laptop through a single USB 3.0 port
- Supports up to 5Gbps USB 3.0 data transfer rate
- Interfaces: HDMI, VGA, Gigabit Ethernet, 2 USB 3.0, 3.5mm audio out, MIC in
- HDMI and VGA video outputs are in Mirror Mode, displaying the same content simultaneously
- Supports 1.5A fast charging USB ports
- Supports standard and widescreen (16:9 and 16:10) aspect ratios
- Resolutions: 1080p, up to 2048 x 1152
- Display modes: Primary, Extended, Mirror

- Supports 10/100/1000 Mbps Ethernet auto-sensing capability

## System Requirements

- 2.33GHz Dual Core CPU with 2GB RAM and an available USB 3.0 port
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / XP (32-/64-bit)
- Mac OS® X v10.6 or later

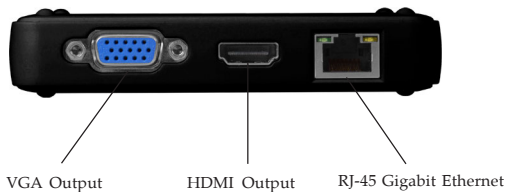
## Package Contents

- *USB 3.0 Docking Station*
- AC Power adapter (5V/4A)
- USB 3.0 Micro B to Type A cable
- Driver CD and Installation guide

## Layout



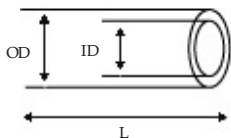
**Figure 1: USB 3.0 Docking Station**




**Figure 2: Rear side**

## DC Power Jack

- Refer to the table below for the specifications of the power adapter.



Outside diameter (OD)	Inside diameter (ID)	Plug length (L)	Negative / Positive
5.5(mm)	2.5(mm)	10(mm)	 <p>*Center pin for positive voltage and the outer shield for negative voltage</p>

**Table 1: Power Jack Specifications**

### Refer to Figure 1:

- **Power LED Indicator:** On / Off when the *USB 3.0 Docking Station* is powered on / off
- **USB 3.0 Micro B:** Connect to your PC via the included USB 3.0 cable
- **DC Power Input:** Connect to the included power adapter
- **USB 3.0 Charging Ports (x2):** Connect to USB device for charging only
- **Audio Output:** Connect to speakers or earphone
- **Mic Input:** Connect to a microphone

### Refer to Figure 2:

- **VGA Output:** Connect to a VGA monitor / projector
- **HDMI Output:** Connect to a HDMI monitor / projector
- **RJ-45 Gigabit Ethernet:** Connect to an ethernet network

# Application

To connect USB peripherals, Ethernet, speakers, microphone, etc. See Figure 4.



\*\* Note: 2 USB Ports support charging function

**Figure 4**

## Windows Installation

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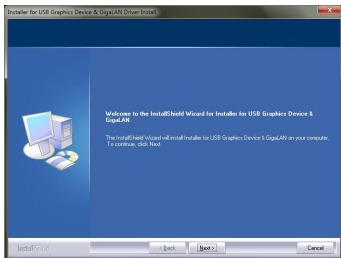
The *USB 3.0 Docking Station* is not designed to work with Windows' **Standard VGA Graphics Adapter** driver, make sure the proper version driver for your system's graphics card is installed.

**Note:** Please don't plug the *Docking Station* to your PC or notebook until you finish installing the driver.

1. Insert the driver CD.
2. The setup program should be displayed automatically. If not, click **Start**, in the **Search programs and files / Start Search / Run** box, type **D:\setup.exe**, then press **Enter**.

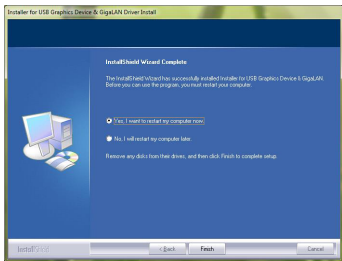
Or press **Windows key** and **R**, type **D:\setup.exe** in the Run window, and click **OK**. (Change **D:** to match the drive letter of your CD-ROM drive)

3. Click **Next**. See **Figure 5**.



**Figure 5**

4. At the License Agreement window, choose **I accept the terms of the license agreement** and click **Next**.
5. Select **Yes, I want to restart my computer now** and click **Finish**. See **Figure 6**.



**Figure 6**

6. Connect your display(s) to VGA and/or HDMI connector of the *Docking Station* and power them on.

**Note:** If you connect to both video outputs, the same content will be displayed on both monitors.

7. Connect the included power adapter to the *Docking Station*, then plug the power adapter into a reliable power outlet.
8. Connect the *Docking Station* to an available USB 3.0 port (recommended) of your computer with the included USB cable, and the driver will be installed automatically.
9. The *Docking Station* is ready for use.

## To Verify Windows Installation

1. From the desktop, right click **Computer** or **My Computer**, then click **Manage**.
2. Click **Device Manager**, then double click **Network adapter**, **Sound, video and game controllers**, and **Universal Serial Bus controllers**. The highlighted devices should be displayed. See Figure 7.



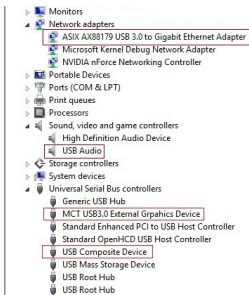





Figure 7

## Windows Display Configuration

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After successful driver installation, there're two icons "USB Display (Trigger) Utility"  & "Super Utility"  on taskbar.

The icons may be hidden in the Windows System Tray. Click the arrow icon  to bring it up if needed.

## Selectable Viewing Modes

Access the variety of functions by clicking these two icons.

## USB Display (Trigger) Utility

- **Display Resolution:** Click to select an available resolution
- **Display Orientation:** There're four options available "Landscape", "Portrait (Flipped)", "Landscape (Flipped)", and "Portrait"
- **Extend Desktop To:** Adjust the position of extended display to be "Right", "Left", "Top" or "Bottom"
- **Extend Desktop (default):** Sets the display connected by the *Docking Station* as an extended display of the main display
- **Duplicate Desktop:** Sets the display connected by the *Docking Station* as a mirror of the main display

**Note:** When "Duplicate Desktop" is selected, the **Display Orientation** option will be disabled.

- **Make This My Main Display:** Sets the selected display as the main display
- **Disconnect This Display:** Disables the selected display
- **Playback Devices:** Fast access to "Sound" system for further settings

- **Screen Resolution:** Fast access to "Screen Resolution" for further settings
- **About:** Information for the installed driver

## Super Utility

- **Identify Monitors:** Quickly and easily identifies each display
- **Multi-Display Control Panel:** A series of hotkeys to quickly move active window or cursor to the desired display
- **Display Settings:** Fast access to "Screen Resolution" for further settings
- **Fixed Position:** Locks the displays position

## Windows Shortcut

Press **Windows** key and **P** to bring up the menu and choose a desired mode. (Available in Windows 8 and Windows 7 only)



Figure 8

## Uninstalling Windows Driver

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For Windows 8

1. In "Start" window, move the mouse pointer to the bottom and right click the Super Utility icon.
2. Click **All apps** and search for Windows System/Control Panel, click **Enter**.
3. Click **Programs/Uninstall** a program.
4. Select **Installer for USB Graphics Device & GigaLAN 14x.x.xxxx.0192** (driver version number) and click **Uninstall**.
5. At Installer window, click **OK**.
6. Select **Yes, I want to restart my computer now** and click **Finish** to reboot.

For Windows 7 and XP

1. Click **Start/Control Panel/Programs and features** (In Windows 7) **Add or Remove Programs** (In XP).
2. Select **Installer for USB Graphics Device & GigaLAN 14x.x.xxxx.0192** and click **Uninstall** (In Windows 7) **Remove** (In XP).
3. At Installer window, click **OK**.
4. Select **Yes, I want to restart my computer now** and click **Finish** to reboot.

## MAC OS Driver Installation

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1. Insert the driver CD.
2. Double click **Driver** CD icon on the Desktop and double click **MAC** folder.
3. Double click **T5-Mac.dmg**, then double click **T5-Mac-01....pkg** to install the driver.
4. At Introduction, click **Continue** one or two times.
5. At License, click **Continue**, then **Agree**.
6. At Destination Select, click **Continue**. Skip this step if not prompted.
7. At Installation Type, click **Change Install Location** if you want to change the default folder; otherwise, click **Install**. Then click **Continue Installation**.
8. Type your Name and Password, click **OK** or **Install Software**, then click **Continue Installation**.
9. Click **Restart** to complete the installation.

## To Verify Driver Installation

1. Click the Apple logo from the top menu bar.

2. Click **About this Mac, More Info..., System Report**.
3. Under **Software/ Extensions**, both **AX88179\_178A** and **Trigger 5 core** should be displayed.

## Mac Display Utility

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Click the utility icon in the taskbar to change the modes or resolutions, or double click **System Preference**, click the Display icon, then select the **Arrangement** pane.

### Setting the Display Resolutions

Select an available resolution from the Display Preferences window. The resolutions available depend on both the *USB 3.0 Docking Station* enabled product and the capabilities of the connected display.

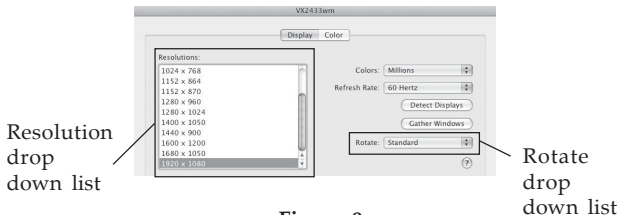


Figure 9

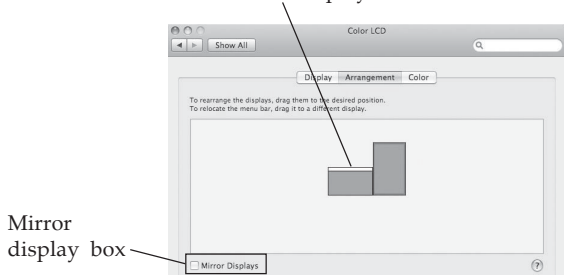
## Rotating a Display

Configure the orientation using the **Rotate** drop down, see **Figure 9**. Select the appropriate angle of rotation to match your display's set up.

## Setting the Display to Mirror/Extend Mode

Check **Mirror Displays** box on the **Arrangement** pane to enable mirror mode. Uncheck the box to set the display to extend mode. See **Figure 10**.

Change the main display by simply dragging the white menu bar between the displays.



**Figure 10**

## Changing the Main Display

You can change the main display by moving the Menu Bar between displays, see Figure 10. Changing the main display affects where new windows appear and the position of the Dock.

## Uninstalling the Mac Driver

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1. Unplug the *USB 3.0 Docking Station* from the USB port of your computer.
2. Insert the driver CD, then double click Driver CD icon on the desktop and double click **MAC** folder.
3. Click **T5-Mac-Uninstaller** to uninstall the driver.
4. In Continue uninstall window, click **Uninstall and Restart**.
5. Type in your Name and Password, then click **OK**.
6. In Restart window, click **Restart** to reboot your system.



## Frequently Asked Questions

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Q1: Why won't my DVD player work when I move it over to the extended display?

A1: Some DVD playback software packages do not support playing on the second display.

Q2: Why can't I make the extended display via the *Docking Station* as the primary display?

A2: Some video cards prevent other video cards from being set as the primary display.

Q3: There are lines running horizontally up and down my screen.

A3: This is due to a low refresh rate setting. You can change this in **Display/Properties/Settings/Advanced/Monitor**. Make sure you select the *Docking Station* and not set the refresh rate higher than what your monitor can support.

Q4: Why Direct X 3D doesn't work on XP?

A4: This is a limitation for the *Docking Station*.

Q5: Why can't my monitor be set to 2048 x 1152 resolution?

A5: Please check with the manufacturer whether the monitor can support this resolution.

# Supported Display Resolution

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## - Wide Screen Display

Aspect Ratio	Resolution
16:9	2048 x 1152
16:10	1920 x 1200
16:9	1920 x 1080
16:10	1680 x 1050
16:9	1600 x 900
16:10	1440 x 900
16:9	1366 x 768
16:9	1360 x 768
16:10	1280 x 800
15:9	1280 x 768
16:9	1280 x 720

## - Standard Display

Aspect Ratio	Resolution
4:3	1600 x 1200
4:3	1400 x 1050
5:4	1280 x 1024
4:3	1280 x 960
4:3	1152 x 864
4:3	1024 x 768
4:3	800 x 600

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

- A) If it is within the store's return policy period, please return the product to the store where you purchased from.
- B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to **SIIG RMA** or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**

**6078 Stewart Avenue**

**Fremont, CA 94538-3152, USA**

**RMA #:** \_\_\_\_\_

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

### **PRODUCT NAME**

USB 3.0 Docking Station

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.  
6078 Stewart Avenue  
Fremont, CA 94538-3152, USA  
Phone: 510-657-8688

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