# USB 3.0 Dual Head Docking Station

P/N: AV-GM0AL3-S1

# ⚠️ Safety and Notice

The **AV-GM0AL3-S1** USB 3.0 Dual Head Docking Station has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the **AV-GM0AL3-S1** should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.

- Do not attempt to service this unit yourself, except where explained in this manual.

- Provide proper ventilation and air circulation and do not use near water.

- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.

- Use only the power adapter and power cords and connection cables designed for this unit.

- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

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# INTRODUCTION

The **AV-GM0AL3-S1** USB 3.0 Dual Head Docking Station easily adds multiple expansion capability to the USB 3.0 enabled computer. This advanced docking station adds dual video output ports (1 HDMI and 1 DVI), 4 USB2.0 ports, 2 USB3.0 ports, Gigabit Ethernet, Audio-out and Mic-In connectivity to satisfy your connectivity requirements. With AV-GM0AL3-S1, user can expand the functions for laptop or some basic PC.

# FEATURES

- Adds dual displays, Gigabit, audio out, MIC in and 6 USB 3.0/2.0 to your USB 3.0 enabled system
- Supports up to 2560x1600 resolution
- Gigabit port compatible with IEEE 802.3
- Compatible with USB3.0 & USB2.0 specification
- Audio out supports 2 & 5.1 channel sound & a MIC jack
- System requirements
  - Dual core CPU at 2.0 GHz or higher processor with an available USB 3.0 port
  - Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-bit)
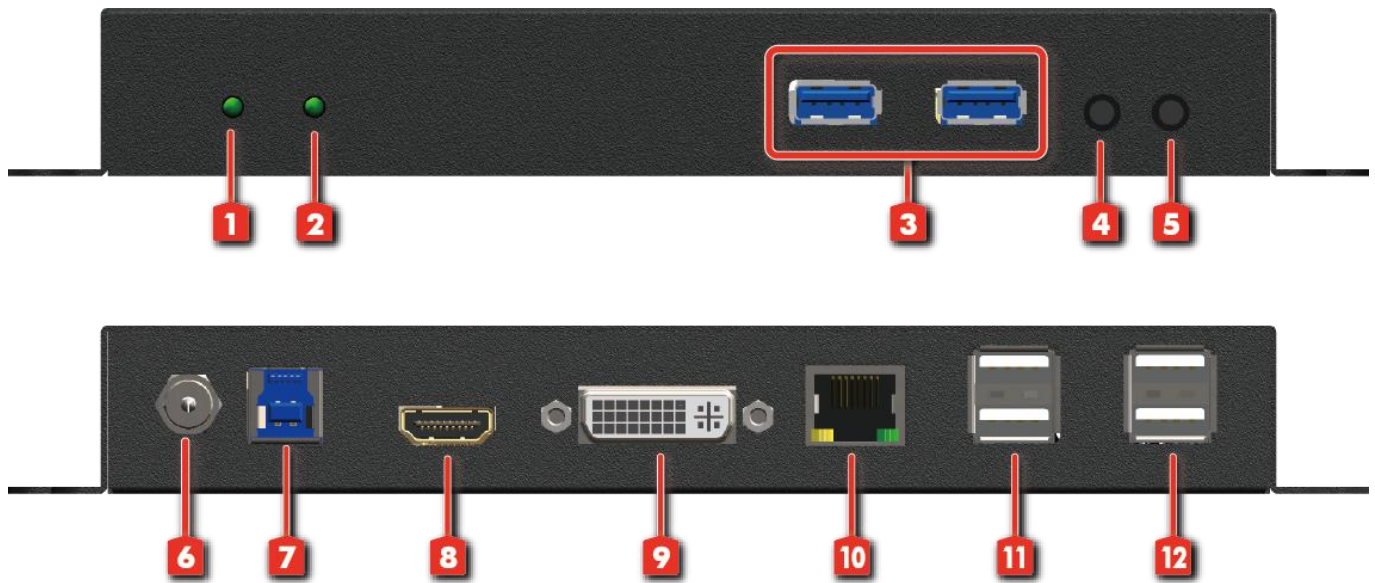
# PACKAGE CONTENTS

- 1x AV-GM0AL3-S1
- 1x USB 3.0 cable
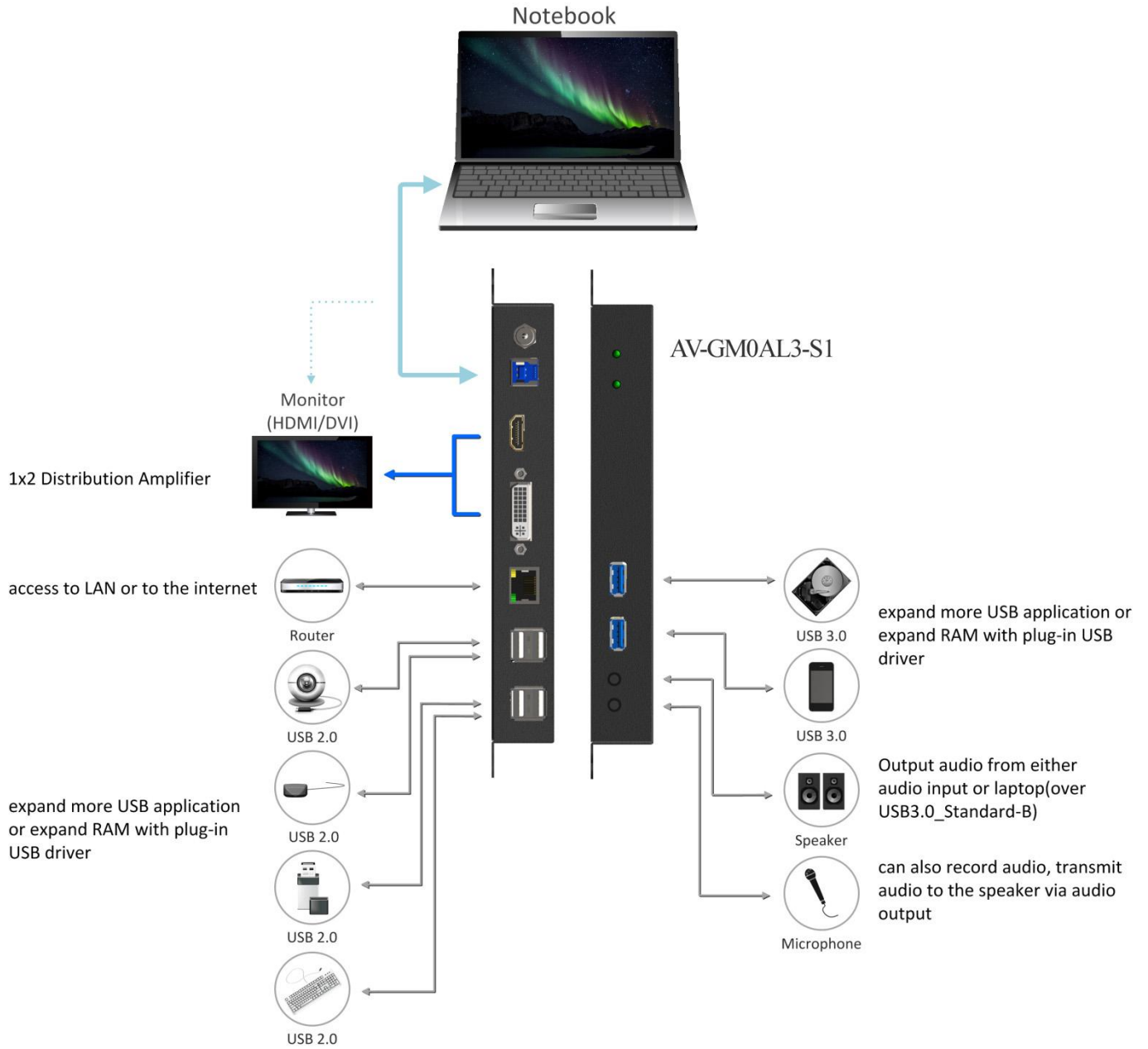- 1x DC 5V 4A
- 1x CD
- 1x User Manual

# SPECIFICATIONS

| Model Name | | AV-GM0AL3-S1 |
|---|---|---|
| **Technical** | | |
| Role of usage | | USB 3.0 Dual Head Docking Station |
| Compliance | | USB 3.0 & 2.0 compliant/ IEEE 802.3 compatible |
| Speed | | Supports data transfer rate up to 5Gb/s |
| ESD protection | | [1] Human body model—±19kV [air-gap discharge] & ±12kV [contact discharge]<br>[2] Core chipset — ±8kV |
| PCB stack-up | | 4-layer board [impedance control — differential 100Ω; single 50Ω |
| Input | | 1x USB(type B)<br>1 x 3.5mm |
| Output | | 2x USB 3.0 (type A)<br>4x USB 2.0 (type A)<br>1x RJ-45<br>1x DVI<br>1x HDMI<br>1x 3.5mm |
| USB connector | | USB3.0 type A / type B |
| HDMI connector | | Type A [19-pin female] |
| DVI connector | | DVI-I [29-pin female digital only] |
| RJ-45 connector | | WE/SS 8P8C |
| **Mechanical** | | |
| Dimensions [L x W x H] | Model | 187 x 74 x 26mm [7.4" x 2.9" x 1"] |
| | Package | 263 x 170 x 97mm [10.3" x 6.7" x 3.8"] |
| | Carton | 512 x 364 x 288mm [1'7" x 1.2' x 11.3"] |
| Weight | Model | 430g [1 lbs] |
| | Package | 1132g [2.5 lbs] |
| Fixedness | | Wall-mounting case |
| Power supply | | 5V 4A DC |
| Power consumption | | 9.25 Watts [max] |
| Operation temperature | | 0~40°C [32~104°F] |
| Storage temperature | | -20~60°C [-4~140°F] |
| Relative humidity | | 20~90% RH [no condensation] |

# PANEL DESCRIPTIONS



1. **Power LED:** Power indicator
2. **USB LED:** USB indicator
3. **USB 3.0 ports:** Connect to USB 3.0 devices
4. **Speaker jack:** Connect to a speaker or earphone
5. **MIC jack:** Connect to a microphone
6. **+5V DC:** 5V DC power jack
7. **USB 3.0 port (Type B):** Connect to a computer
8. **HDMI out:** Connect to HDMI display
9. **DVI out:** Connect to DVI display
10. **RJ-45:** Connect to an Ethernet
11. **USB 2.0 ports:** Connect to USB 2.0 devices
12. **USB 2.0 ports:** Connect to USB 2.0 devices

# CONNECTION DIAGRAM

Notebook

Monitor
(HDMI/DVI)

AV-GM0AL3-S1

1x2 Distribution Amplifier

access to LAN or to the internet

Router

USB 2.0

expand more USB application
or expand RAM with plug-in
USB driver

USB 2.0

USB 2.0

USB 2.0

USB 3.0

USB 3.0

expand more USB application or
expand RAM with plug-in USB
driver

Speaker

Output audio from either
audio input or laptop(over
USB3.0_Standard-B)

Microphone

can also record audio, transmit
audio to the speaker via audio
output

# WARRANTY

The SELLER warrants the **AV-GM0AL3-S1** USB 3.0 Dual Head Docking Station to be free from defects in the material and workmanship for 3 years from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 3 years warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surges.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables are limited to a 30 day warranty and cable must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. **Also, the technical information contained herein regarding the AV-GM0AL3-S1 features and specifications is subject to change without further notice.**

| Support |
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| For more info or tech support |
| http://www.siig.com/support |

April, 2018