



## 1x2 VGA Splitter



P/N: AV-GM06N3-S1



## Safety and Notice

The **AV-GM06N3-S1 1x2 VGA Splitter** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the **AV-GM06N3-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-GM06N3-S1 1x2 VGA Splitter** is designed to work as a duplicator and an amplifier at the same time for VGA, component, or composite video applications. The AV-GM06N3-S1 not only takes one video input from a VGA source and immediately directs it to two VGA monitors or projectors, but also boosts and extends the signal up to 65m (210ft) without noticeable signal loss or picture degradation. In addition, three YPbPr-to-VGA adapters are included in the package contents, so that you can also easily split your YPbPr signal source such as PS3, XBOX, XBOX360, or Wii to two YPbPr displays.

## FEATURES

- No software required
- Transmission distance up to 65m (210ft)
- Video bandwidth up to 400MHz
- Daisy-chain multiple units together for even more outputs

## PACKAGE CONTENTS

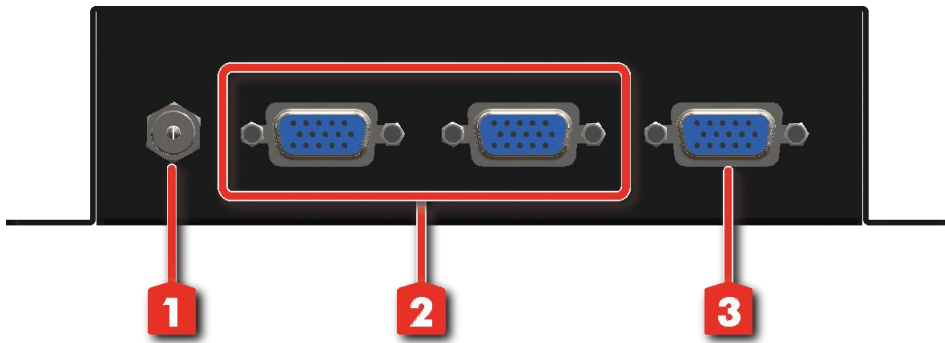
- 1x AV-GM06N3-S1
- 1x DC 5V 2A wall wart
- 1x User Manual

# SPECIFICATIONS

Model Name		AV-GM06N3-S1
<b>Technical</b>		
Output Ports		2
Supported input/output		VGA
Video bandwidth		400MHz
Video support		WUXGA [1920x1200@60] & UXGA [1600x1200@60] or even higher
Transmission		UXGA – 65m [210ft]
Audio support		NO
VGA connector		HD-15 [15-pin D-sub female]
<b>Mechanical</b>		
Housing		Metal case
Dimensions [L x W x H]	Model	205 x 40 x 60mm [8.07" x 1.57" x 2.38"]
	Package	270 x 175 x 80mm [10.6" x 6.9" x 3.1"]
	Carton	450 x 370 x 300mm [1'6" x 1'3" x 11.8"]
Weight	Model	155g [5.5oz]
	Package	1200g [2.5 lbs]
Fixedness		Inter-locked power supply
Power supply		5V 4A DC
Power consumption		5 Watt [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

## Rear Panel

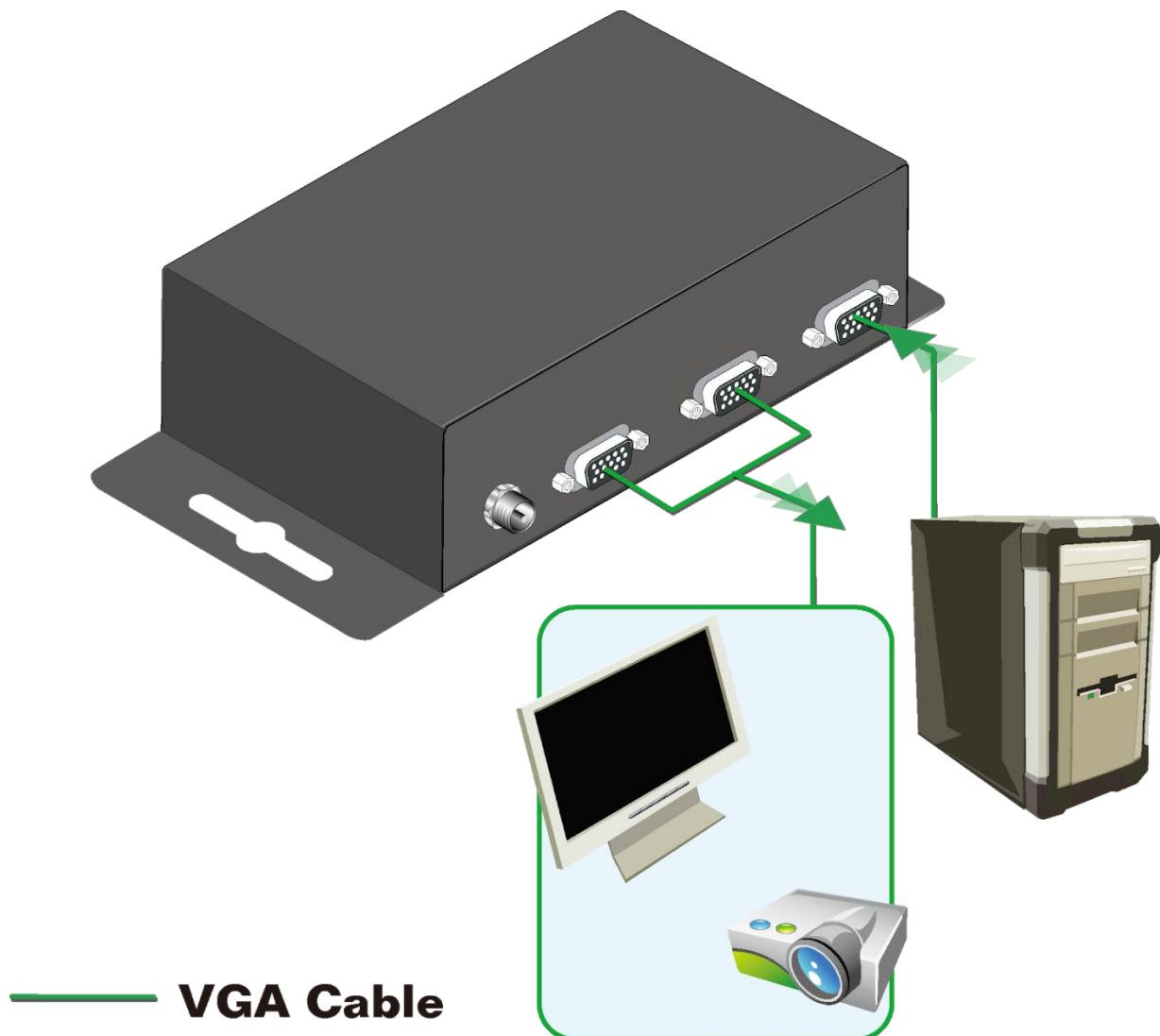


1. **+5V DC:** Connect to 5V 4A DC interlocking power adapter
2. **VGA OUT:** VGA output to a remote video display
3. **VGA IN:** VGA input from a video source

# HARDWARE INSTALLATION

1. Connect a PC source (or a component/composite source with a YPbPr-to-VGA adapter) to the VGA/YPbPr/CVBS input of the AV-GM06N3-S1.
2. Connect two VGA monitors or projectors to the VGA outputs (or two component/composite displays with two YPbPr-to-VGA adapters to the VGA outputs).
3. Plug power adapter cable into 5V DC power jack.

## CONNECTION DIAGRAM



# WARRANTY

The SELLER warrants the **AV-GM06N3-S1 1x2 VGA Splitter** 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 surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

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 and power adapters are limited to a 30 day warranty and 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-GM06N3-S1** features and specifications is subject to change without further notice.

## Support

For more info or tech support  
<http://www.siig.com/support>