

BOSCH VG4-A-PSU0

BOSCH SECURITY VIDEO VG4-A-PSU0 Autodome Modular Power Supply Unit Instruction Manual

Model: VG4-A-PSU0

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the BOSCH SECURITY VIDEO VG4-A-PSU0 Autodome Modular Power Supply Unit. This unit is specifically designed to supply 24 VAC power to the Autodome 600 Analog PTZ Camera series. It features a protective cover door for enhanced safety and durability.

Please read this manual thoroughly before attempting to install or operate the device. Keep this manual for future reference.

2. SAFETY INFORMATION

Warning: Failure to follow these safety instructions could result in fire, electric shock, or other injury or damage.

- Ensure all power is disconnected before installation or servicing.
- Installation must be performed by qualified personnel in accordance with all local and national electrical codes.
- Do not expose the unit to moisture or extreme temperatures.
- Use only the specified voltage and current ratings.
- The transformer for this unit is not included and must be sourced separately, ensuring it meets the required specifications for 24 VAC output.
- Do not attempt to open or repair the unit. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking:

- BOSCH SECURITY VIDEO VG4-A-PSU0 Autodome Modular Power Supply Unit
- Instruction Manual (this document)

Note: The necessary 24 VAC transformer is not included and must be purchased separately.

4. SPECIFICATIONS

The following table details the technical specifications of the VG4-A-PSU0 Power Supply Unit:

| Specification | Value |
|--------------------|--|
| Product Dimensions | 12 x 12.5 x 8.5 inches |
| Item Weight | 8.5 pounds |
| Model Number | VG4-A-PSU0 |
| Input Voltage | Requires external transformer (not included) |
| Output Voltage | 24 VAC |
| Compatibility | Autodome 600 Analog PTZ Camera Series |
| Manufacturer | BOSCH SECURITY VIDEO |

5. SETUP AND INSTALLATION

Follow these steps for proper installation of the power supply unit:

1. **Prepare the Installation Site:** Ensure the installation location is dry, well-ventilated, and protected from environmental elements.
2. **Mount the Unit:** Securely mount the VG4-A-PSU0 unit to a stable surface using appropriate hardware (not included).
3. **Connect the Transformer:** Connect the output of your external 24 VAC transformer (not included) to the designated input terminals on the VG4-A-PSU0 unit. Ensure correct polarity if specified.
4. **Connect to Camera:** Connect the output terminals of the VG4-A-PSU0 unit to the power input of your Autodome 600 Analog PTZ Camera. Refer to the camera's manual for specific power input requirements.
5. **Secure Connections:** Double-check all wiring connections to ensure they are secure and properly insulated.
6. **Apply Power:** Once all connections are verified, apply power to the external 24 VAC transformer. The power supply unit will then provide power to the connected camera.



Figure 1: BOSCH SECURITY VIDEO VG4-A-PSU0 Autodome Modular Power Supply Unit. This image displays the white power supply unit with its protective cover door, designed to provide 24 VAC power to compatible security cameras.

6. OPERATING INSTRUCTIONS

The VG4-A-PSU0 is a passive power supply unit designed for continuous operation. Once properly installed and connected to a 24 VAC transformer and a compatible camera, it will automatically supply power.

- **Power On:** Ensure the external 24 VAC transformer is powered on. The unit will then provide power to the connected Autodome 600 Analog PTZ Camera.
- **Power Off:** To disconnect power, switch off the external 24 VAC transformer.
- **Status:** The unit does not have indicator lights. Operation is confirmed by the functionality of the connected camera.

7. MAINTENANCE

The VG4-A-PSU0 power supply unit requires minimal maintenance to ensure optimal performance.

- **Cleaning:** Periodically clean the exterior of the unit with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Inspection:** Regularly inspect the unit and its connections for any signs of damage, wear, or loose wiring. Address any issues promptly.
- **Environmental Conditions:** Ensure the unit remains within its specified operating environment (dry, protected from extreme temperatures).

8. TROUBLESHOOTING

If you encounter issues with your VG4-A-PSU0 unit, refer to the following troubleshooting guide:

| Problem | Possible Cause | Solution |
|------------------------------|--|---|
| No power to camera | <ul style="list-style-type: none">◦ External transformer not powered◦ Loose or incorrect wiring connections◦ Faulty external transformer◦ Damaged power supply unit | <ul style="list-style-type: none">◦ Verify the external 24 VAC transformer is plugged in and receiving power.◦ Check all input and output wiring for secure connections and correct polarity.◦ Test the external transformer to ensure it is providing 24 VAC output. Replace if faulty.◦ If all other components are functional, the power supply unit may be damaged. Contact support. |
| Intermittent power to camera | <ul style="list-style-type: none">◦ Loose connections◦ Unstable power source from transformer | <ul style="list-style-type: none">◦ Tighten all wiring connections.◦ Ensure the external transformer is providing stable power. |

If the problem persists after attempting these solutions, please contact BOSCH customer support.

9. WARRANTY INFORMATION

BOSCH products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship under normal use. The specific terms and duration of the warranty may vary by region and product type. Please refer to the official BOSCH website or contact customer support for detailed warranty information applicable to your purchase.

Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, product inquiries, or service requests, please contact BOSCH customer support through one of the following methods:

- **Website:** Visit the official BOSCH Security Systems website for support resources, FAQs, and contact forms.
- **Phone:** Refer to the contact information provided on the BOSCH website for your specific region.
- **Authorized Service Centers:** Locate an authorized service center for repairs or in-person assistance.

When contacting support, please have your product model number (VG4-A-PSU0) and purchase details ready.