



[Manuals.plus](#) /

› [HINISO](#) /

› HINISO AD-50S 50L Digital Dry Cabinet with UV Sterilization User Manual

HINISO AD-50S 50L

HINISO AD-50S 50L Digital Dry Cabinet with UV Sterilization User Manual

Model: AD-50S 50L

1. INTRODUCTION

The HINISO AD-50S 50L Digital Dry Cabinet is designed to provide a controlled environment for storing sensitive equipment such as cameras, lenses, electronics, and other valuables. It features precise humidity control and an integrated UV sterilization system to protect against moisture damage, fungus, mold, and bacteria, ensuring the longevity and optimal performance of your gear.



Image 1.1: Front view of the HINISO AD-50S 50L Digital Dry Cabinet with equipment stored inside.

2. SAFETY INSTRUCTIONS

- Ensure the cabinet is placed on a stable, level surface to prevent tipping.
- Do not block the ventilation openings on the cabinet.
- Keep the cabinet away from direct sunlight, heat sources, and areas with high humidity or water.
- Use only the provided power adapter. Ensure the adapter is securely plugged into a suitable AC socket to prevent power fluctuations.
- Do not attempt to open or repair the cabinet yourself. Refer to qualified service personnel for any maintenance or repairs.
- Keep out of reach of children.
- Avoid placing heavy objects on top of the cabinet.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- HINISO AD-50S 50L Digital Dry Cabinet
- Power Adapter

- Instruction Manual (this document)
- Adjustable Shelves (pre-installed or included separately)

4. PRODUCT FEATURES

- **Digital Display:** Clear LCD display shows real-time temperature and humidity levels inside the cabinet.
- **Humidity Control:** Adjustable humidity range from 25% to 60% RH, suitable for various sensitive items.
- **UV Sterilization:** Built-in UV light system automatically sterilizes contents, preventing fungus, mold, and bacteria growth.
- **Adjustable Shelves:** Customizable shelving arrangement for optimal storage and easy access to items.
- **Durable Construction:** Made from metal with a high-quality glass door, ensuring durability and a secure seal.
- **Thermoelectric Cooling:** Utilizes thermoelectric cooling for quiet, quick, and heatless moisture protection.



Image 4.1: Overview of the HINISO AD-50S key features.

5. SETUP GUIDE

1. **Unpacking:** Carefully remove the dry cabinet from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the cabinet on a flat, stable, and dry surface. Ensure there is adequate space around the cabinet for proper ventilation. Avoid placing it near windows or heating vents.
3. **Internal Organization:** Open the cabinet door. Adjust the height of the internal shelves as needed to accommodate your equipment. The shelves can be removed or repositioned by lifting and sliding them into the desired slots.
4. **Power Connection:** Connect the provided power adapter to the cabinet's power input port, typically located at the rear. Plug the adapter into a standard electrical outlet.
5. **Initial Power On:** The digital display should illuminate, showing the current temperature and humidity inside the cabinet. Allow the cabinet to operate for a few hours empty to stabilize the internal environment before placing sensitive items inside.



Image 5.1: HINISO AD-50S 50L Digital Dry Cabinet with the door open, illustrating internal organization.

6. OPERATING INSTRUCTIONS

- 1. Understanding the Digital Display:** The LCD display shows two main readings: temperature (in Celsius) and relative humidity (RH%).
- 2. Adjusting Humidity Levels:** Locate the humidity control knob, usually on the top panel or inside the cabinet near the display. Turn the knob to set your desired humidity level. The recommended range for most camera gear and electronics is between 35% and 50% RH. The cabinet will automatically work to achieve and maintain this level.
- 3. UV Sterilization:** The UV sterilization system operates automatically at regular intervals when the cabinet door is closed. This feature helps eliminate harmful microorganisms. No manual intervention is required for UV activation.
- 4. Storing Equipment:** Place your cameras, lenses, and other sensitive items inside the cabinet. Ensure items are clean and dry before storage. Arrange them to allow for proper air circulation. Close the door firmly to maintain the sealed environment.



Image 6.1 : Steps for operating the HINISO AD-50S dry cabinet.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the exterior with a soft, dry cloth. For the interior and glass door, use a slightly damp cloth and mild cleaner if necessary, then dry thoroughly. Avoid abrasive cleaners.
- **Door Seal:** Periodically check the door seal for any signs of wear or damage. A compromised seal can affect humidity control efficiency.
- **Power Adapter:** Ensure the power adapter is free from damage and securely connected. Avoid exposing it to moisture or extreme temperatures.
- **Ventilation:** Ensure the cabinet's ventilation openings are clear of dust and obstructions.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Humidity level not changing or too high/low	Door not sealed properly; Humidity control knob set incorrectly; Cabinet overloaded; Environmental factors.	Ensure door is fully closed. Adjust humidity knob to desired setting. Reduce items if cabinet is too full. Allow more time for stabilization.
Digital display is off	No power; Loose power connection; Adapter malfunction.	Check power outlet. Ensure power adapter is securely connected to both the cabinet and the wall outlet. Try a different outlet.
UV light not visible	UV light operates automatically and may not be constantly on; Door is open.	The UV light activates periodically when the door is closed. This is normal operation.
Excessive noise	Cabinet not on a level surface; Obstruction near fan (if applicable).	Ensure the cabinet is on a flat, stable surface. Check for any loose items inside or around the cabinet.

9. SPECIFICATIONS

Feature	Detail
Brand	HINISO
Model	AD-50S 50L
Capacity	50 Litres
Humidity Control Range	25% - 60% RH (Relative Humidity)
Display	Digital (Temperature & Humidity)
Sterilization	Built-in UV Light System
Material	Metal (Cabinet), Glass (Door)
Product Dimensions (LxWxH)	49 x 43.1 x 9 cm (Note: This dimension seems incorrect for a 50L cabinet, typically LxWxH would be larger. Please refer to product packaging for exact external dimensions.)
Item Weight	16 kg
Power Source	AC Adapter (included)

10. WARRANTY AND SUPPORT

The HINISO AD-50S 50L Digital Dry Cabinet typically comes with a 5-year warranty. Please refer to your purchase documentation or the warranty card included with your product for specific terms and conditions.

For technical support, service, or warranty claims, please contact HINISO customer service or your authorized dealer. Contact information can usually be found on the manufacturer's website or your purchase receipt.