

FORSPARK FSDCBLK100b

FORSPARK 100L Camera Dehumidifier Dry Cabinet Instruction Manual

Model: FSDCBLK100b

Brand: FORSPARK

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your FORSPARK 100L Camera Dehumidifier Dry Cabinet. This appliance is designed to protect sensitive items such as cameras, lenses, drones, electronics, and other valuables from humidity, dust, and moisture damage. Please read this manual thoroughly before use and retain it for future reference.



Image: The FORSPARK 100L Dry Cabinet, showcasing its transparent door and internal storage for various electronic devices.

Key Features:

- **Smart Humidity Control:** Maintains a stable 25%-60% Relative Humidity (RH) and automatically activates when humidity exceeds the preset level.
- **Quiet Operation:** Operates at less than 30dB, suitable for various environments.
- **Energy Efficient:** Consumes only 8W, designed for continuous 24/7 use.
- **Durable Construction:** Features a cold-rolled steel frame, 4mm tempered glass door, and magnetic sealing for effective moisture and dust blockage.
- **Adjustable Storage:** Three adjustable shelves create four customizable storage zones.
- **Security:** Includes a child-safe lock with dual keys.

SETUP INSTRUCTIONS

1. Unpacking and Inspection:

Carefully remove the dry cabinet from its packaging. Inspect the unit for any signs of damage during transit. Report any damage to your retailer immediately.

2. Placement:

Place the dry cabinet on a stable, level surface. Ensure there is adequate space around the unit for proper ventilation. Avoid placing it in direct sunlight or near heat sources.



Image: Illustration of the adjustable non-slip feet, demonstrating how to stabilize the cabinet on uneven surfaces.

3. Adjusting Feet:

The cabinet is equipped with adjustable non-slip feet. Rotate the feet clockwise or counter-clockwise to level the cabinet and ensure stability on uneven surfaces.

4. Shelf Installation:

The cabinet includes three adjustable shelves and foam pads. Install the shelves at desired heights to create optimal storage zones for your equipment. The shelves are reinforced for high load capacity.



Image: A diagram illustrating the adjustable shelf design, showing how shelves can be moved up or down and highlighting the reinforced structure.

5. Power Connection:

Connect the provided power adapter to the cabinet's power input and then plug it into a standard electrical outlet. The unit will power on automatically.

6. Initial Operation:

Allow the cabinet to operate for at least 12-24 hours after initial setup to stabilize the internal humidity before placing sensitive items inside.

OPERATING INSTRUCTIONS

1. Control Panel Overview:

The control panel is located on the top of the cabinet and features a digital display for temperature and humidity, along with three control buttons: SET, Up (▲), and Down (▼).



Image: A detailed view of the control panel, showing the digital display for temperature and humidity, and the three control buttons for setting adjustments.

2. Setting Humidity Level:

1. Press the "SET" button once to enter setup mode. The humidity value on the display will blink.
2. Use the "▲" (Up) and "▼" (Down) buttons to adjust the desired humidity level (range: 25% to 60% RH).
3. Press the "SET" button again to confirm your selection and exit setup mode. The display will stop

blinking.

The cabinet will automatically dehumidify when the internal humidity exceeds your preset level by 3%.



Image: A chart indicating recommended relative humidity (RH) percentages for storing different types of items, from books to precision electronics.

3. Adjusting Display Brightness:

Long-press the "▼" (Down) button to cycle through the display brightness levels. Release the button when the desired brightness is achieved.



Image: A visual guide demonstrating how to adjust the brightness of the digital display on the control panel.

4. Internal LED Lighting:

Press the "▲" (Up) button to turn the internal LED light on or off. This provides clear visibility inside the cabinet.



Image: A depiction of the dry cabinet's interior illuminated by its built-in LED lighting system, enhancing visibility of stored items.

5. Using the Lock:

The cabinet is equipped with a child-safe lock and comes with two keys. Use the key to lock or unlock the door, securing your valuable equipment.



Image: A close-up of the safety lock mechanism on the dry cabinet door, designed to keep contents secure.

MAINTENANCE

1. Cleaning the Exterior:

Wipe the exterior surfaces of the cabinet with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish.

2. Cleaning the Interior:

Periodically remove items and wipe the interior surfaces and shelves with a dry or slightly damp cloth. Ensure the interior is completely dry before placing items back inside.

3. Door Seal Inspection:

Regularly inspect the magnetic door seal for any signs of wear or damage. A proper seal is crucial for maintaining consistent humidity levels inside the cabinet.

4. Dehumidification Core:

The dehumidification core is designed for long-lasting operation (10,000+ hours) and typically requires no user maintenance or desiccant replacement.

TROUBLESHOOTING

- **Cabinet not dehumidifying or humidity not decreasing:**

- Ensure the power cord is securely plugged into both the cabinet and the electrical outlet.
- Check that the door is fully closed and the magnetic seal is intact.
- Verify that the desired humidity level is set correctly and is lower than the current ambient humidity.
- Allow sufficient time for the cabinet to reach the set humidity, especially after initial setup or if the door has been opened frequently.

- **Display is not working:**

- Check the power connection.
- If the display remains unresponsive, contact customer support.

- **Unusual noise:**

- The cabinet is designed for ultra-quiet operation (<30dB). If you hear unusual or loud noises, ensure the cabinet is on a stable, level surface and nothing is obstructing the internal components.
- If the noise persists, contact customer support.

- **Humidity reading differs from external sensor:**

- Small variations (e.g., 1-2%) between the cabinet's display and an external hygrometer are normal due to sensor calibration differences. The cabinet's internal sensor is calibrated for optimal performance within the unit.

SPECIFICATIONS



Image: A comprehensive diagram detailing the external and internal dimensions of the 100L dry cabinet, along with a list of included accessories.

Feature	Detail
Brand	FORSPARK
Model Name	Camera Dehumidifying Dry Cabinet
Model Number	FSDCBLK100b
Capacity	100 Liters
Product Dimensions (D x W x H)	14.09"D x 14.88"W x 27.17"H
Item Weight	14 Kilograms (30.8 pounds)
Material	Metal (Cold-rolled steel frame), 4mm Tempered Glass
Wattage	8 watts
Humidity Range	25% - 60% RH

Feature	Detail
Humidity Accuracy	±3% RH
Special Features	Digital Display, Quiet Operation (<30dB), Adjustable Shelves, Lockable Door
UPC	603981648379

Included in the Box:

- 1 x FORSPARK Dry Cabinet
- 1 x Power Cord
- 2 x Keys
- 3 x Adjustable Shelves
- 3 x Flat Anti-Vibration Foam Pads
- 1 x Wave Anti-Vibration Foam Pad
- 1 x User Manual (this document)

WARRANTY AND SUPPORT

FORSPARK provides limited care coverage for your dry cabinet:

- **3-Year Coverage:** Full replacement for the Dehumidifier Core.
- **2-Year Coverage:** Full replacement for the Display.
- **1-Year Coverage:** Full replacement for the Power Adapter.



Image: A visual summary of the warranty coverage for the dehumidifier core, display, and power adapter components.

For warranty claims, technical assistance, or any questions regarding your FORSPARK dry cabinet, please contact FORSPARK customer service through your purchase platform or the official FORSPARK website. Please have your model number (FSDCBLK100b) and proof of purchase ready when contacting support.