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› [ION](#) /

› ION Film 2 SD User Manual

ION Film2SD

ION Film 2 SD User Manual

Model: Film2SD | Brand: ION

1. INTRODUCTION

The ION Film 2 SD is a versatile 35mm slide and negative scanner designed to convert your analog film memories into digital format. It allows direct scanning to an SD card, eliminating the need for a computer during the scanning process. Featuring a 2.4-inch color TFT LCD screen, it provides a convenient way to preview your scans. This manual will guide you through the setup, operation, and maintenance of your Film 2 SD scanner.



Image: The ION Film 2 SD scanner, showing its compact design and the slot for film or slides. A digital image is visible on its LCD screen, and a slide holder is partially inserted.

2. WHAT'S INCLUDED

Verify that all items listed below are present in your package:

- Film 2 SD Scanner Unit
- Negative Film Holder
- Slide Film Holder
- Roll Film Holder
- USB Cable
- TV Output Cable
- 1GB SD Card
- Power Adapter
- Cleaning Brush
- User Manual (this document)
- Safety Information & Warranty Booklet

3. SETUP

1. **Power Connection:** Connect the included power adapter to the DC 5V input on the Film 2 SD unit and plug it into a wall outlet. Alternatively, you can power the unit via the USB cable connected to a computer.
2. **SD Card Insertion:** Insert the provided 1GB SD card (or another compatible SD/MMC card) into the SD card slot on the scanner. Ensure it is inserted correctly until it clicks into place.
3. **Turning On:** Press the Power button to turn on the Film 2 SD scanner. The LCD screen will illuminate.
4. **Selecting Film Holder:** Choose the appropriate film holder (Negative Film Holder, Slide Film Holder, or Roll Film Holder) based on the type of film you intend to scan.

4. OPERATING INSTRUCTIONS

4.1. Scanning Slides and Negatives

1. **Prepare Film:** Insert your 35mm slides or film negatives into the appropriate film holder. For slides, use the Rapid Slide Feeder which allows loading up to 20 slides. For negatives, ensure they are clean and free of dust.
2. **Insert Holder:** Gently slide the loaded film holder into the scanner's input slot.
3. **Preview Image:** Use the navigation buttons to position the film/slide correctly within the scanning area. The image will appear on the 2.4" color TFT LCD screen.
4. **Adjust Image (Optional):**
 - Press the **Flip** button to vertically flip the image.
 - Press the **Mirror** button to horizontally mirror the image.
5. **Scan:** Once the image is framed and adjusted as desired, press the **OK** button to initiate the scan. The scanning process takes approximately one to two seconds.
6. **Save:** The scanned image will automatically be saved to the inserted SD card.
7. **Next Scan:** Advance the film holder to the next slide/negative and repeat the process.

4.2. Viewing Scans on External Devices

Your scanned images are saved as standard image files on the SD card, making them compatible with various devices.

- **On a Computer:** Connect the Film 2 SD to your computer using the USB cable. The scanner will function as a Mass Storage Device, allowing you to access the SD card's contents directly. Alternatively, remove the SD card and insert it into your computer's SD card reader.
- **On a TV:** Use the included TV Output Cable to connect the Film 2 SD to your television's video input. This allows you to view your scanned images on a larger screen.
- **Other Devices:** The SD card can be inserted into digital picture frames, mobile phones, and other portable devices that support SD/MMC cards for viewing.

5. MAINTENANCE

Regular maintenance ensures optimal performance and image quality.

- **Cleaning the Scanner:** Use the provided cleaning brush to gently remove dust and debris from the film scanning area and the lens. Ensure the scanner is powered off before cleaning.
- **Cleaning Film/Slides:** Before scanning, ensure your slides and negatives are clean. Dust or fingerprints on the film will appear in the scanned digital image. Use a soft, lint-free cloth or compressed air designed for photographic

materials.

- **Storage:** When not in use, store the Film 2 SD scanner in a dry, dust-free environment.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scanner does not power on.	Power adapter not connected or faulty.	Ensure power adapter is securely connected to the scanner and a working power outlet. Try a different outlet.
Images appear blurry or dusty.	Dust on film/slides or scanner lens.	Clean film/slides before scanning. Use the cleaning brush to clean the scanner's lens and film area.
SD card not recognized.	SD card not inserted correctly or incompatible.	Reinsert the SD card firmly. Ensure it is an SD/MMC compatible card. Try a different SD card.
Scanned images are too dark/light or have incorrect colors.	Automatic exposure/color balance issues with specific film types.	The scanner features automatic exposure and color balance. For significant issues, post-processing on a computer may be required. Ensure film is correctly illuminated.
Film holder jams.	Film/slide not properly aligned or damaged holder.	Ensure film/slides are correctly seated in the holder. Do not force the holder. Check holder for damage.

7. SPECIFICATIONS

Feature	Detail
Image Sensor	5-megapixel CMOS sensor
Lens	F no.=2.0, 4 glass elements
LCD	2.4" color TFT LCD
Scan Quality	1,800 dpi (3,600 interpolated)
Scan Method	Single pass
Light Source	Backlight (3 white LEDs)
Data Conversion	10 bits per color channel
Exposure Control	Automatic
Color Balance	Automatic
Focus Range	Fixed focus
Internal Memory	24 MB NAND Flash (for saving images)
External Memory	SD/MMC compatible
USB Configuration	Mass Storage Device Class / MSDC

Feature	Detail
Interface	USB2.0, TV-out (video 1/8" jack)
Operating Systems	Windows XP / Vista
Power	5 V adapter (included) or USB-powered
Dimensions	3.2" x 3.4" x 6.0" (8.1cm x 8.6cm x 15.2cm)
Weight	0.86 lbs / 15.7 oz (0.39 kg)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the Safety Information & Warranty Booklet included with your product. You may also visit the official ION website for the most up-to-date support resources, FAQs, and contact information.

Keep your purchase receipt as proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

When I scan slides with the ION Film2SD, they appear as negative images. What do I need to do to get a positive picture?

If your slides are appearing as negatives on the ION Film2SD, it is likely because the scanner is currently set to "Negative" mode instead of "Slide" mode. To resolve this, please check the following:Change...

[Read full answer](#)