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EC018

Generic EC018 High-Resolution Film Scanner User Manual

Model: EC018

1. Introduction

The Generic EC018 High-Resolution Film Scanner is designed to help you preserve your old memories by converting various film types, slides, and negatives into digital JPEG format. This standalone device operates without the need for a computer or additional software, offering a straightforward and efficient way to digitize your film collection.
It supports a range of film formats including 35mm, 110, 126KPK, and Super 8 films. Featuring a 2.4-inch TFT LCD screen, you can preview your scans directly on the device. Images are saved to an SD card (up to 32GB, not included) for easy transfer and storage.



Figure 1: The EC018 Film Scanner, showcasing its ability to digitize old film and display images on its screen.

2. Package Contents

Please check the package to ensure all items are present:

- EC018 Film Scanner Unit
- USB Cable
- Film Holders (for various film types)
- Cleaning Brush
- User Manual (this document)
- TV-Out Cable (if included)

3. Setup

Follow these steps to set up your EC018 Film Scanner:

1. **Power Connection:** Connect the scanner to a power source using the provided USB cable. You can use a USB wall adapter (not included) or a computer's USB port.
2. **Insert SD Card:** Insert an SD card (up to 32GB, not included) into the designated slot on the scanner. Ensure it is inserted correctly until it clicks into place. This card will store your digitized images.
3. **Prepare Film:** Select the appropriate film holder for your film type (35mm, 110, 126KPK, or Super 8). Carefully load your film or slide into the holder.
4. **Insert Film Holder:** Slide the loaded film holder into the scanner's film slot.
5. **Optional TV Connection:** If you wish to view your scans on a larger screen, connect the scanner to your TV using the TV-out cable (if provided).



Figure 2: The EC018 Film Scanner is easy to use, allowing direct saving of photos to an SD card without a computer.

4. Operating Instructions

Operating the EC018 Film Scanner is straightforward:

1. **Power On:** Press the power button to turn on the scanner. The 2.4-inch TFT LCD screen will light up.
2. **Select Film Type:** Use the navigation buttons (usually labeled 'Left/Right' or 'Up/Down') to select the correct film type from the menu. This ensures optimal scanning settings.
3. **Preview Image:** Once the film is loaded and the type is selected, the image from your film will appear on the LCD screen. You can use the 'Mirror' and 'Flip' buttons to adjust the orientation if needed.
4. **Adjust Settings (Optional):** The scanner features automatic exposure and white balance. However, some models may offer manual adjustments. Refer to the on-screen menu for available options.
5. **Scan and Save:** Press the 'Scan' or 'OK' button to capture the image. The scanner will process the image and save it directly to the inserted SD card as a JPEG file. The built-in software interpolates images up to 22 megapixels for enhanced quality.
6. **Advance Film:** After scanning one frame, gently pull the film holder to advance to the next frame, or use the appropriate buttons if available. Repeat the scanning process for each image.
7. **Review Scans:** You can review your scanned images directly on the LCD screen or by connecting the scanner to a

TV.



Figure 3: The EC018 features built-in software interpolation to adjust and improve image quality up to 22 megapixels.

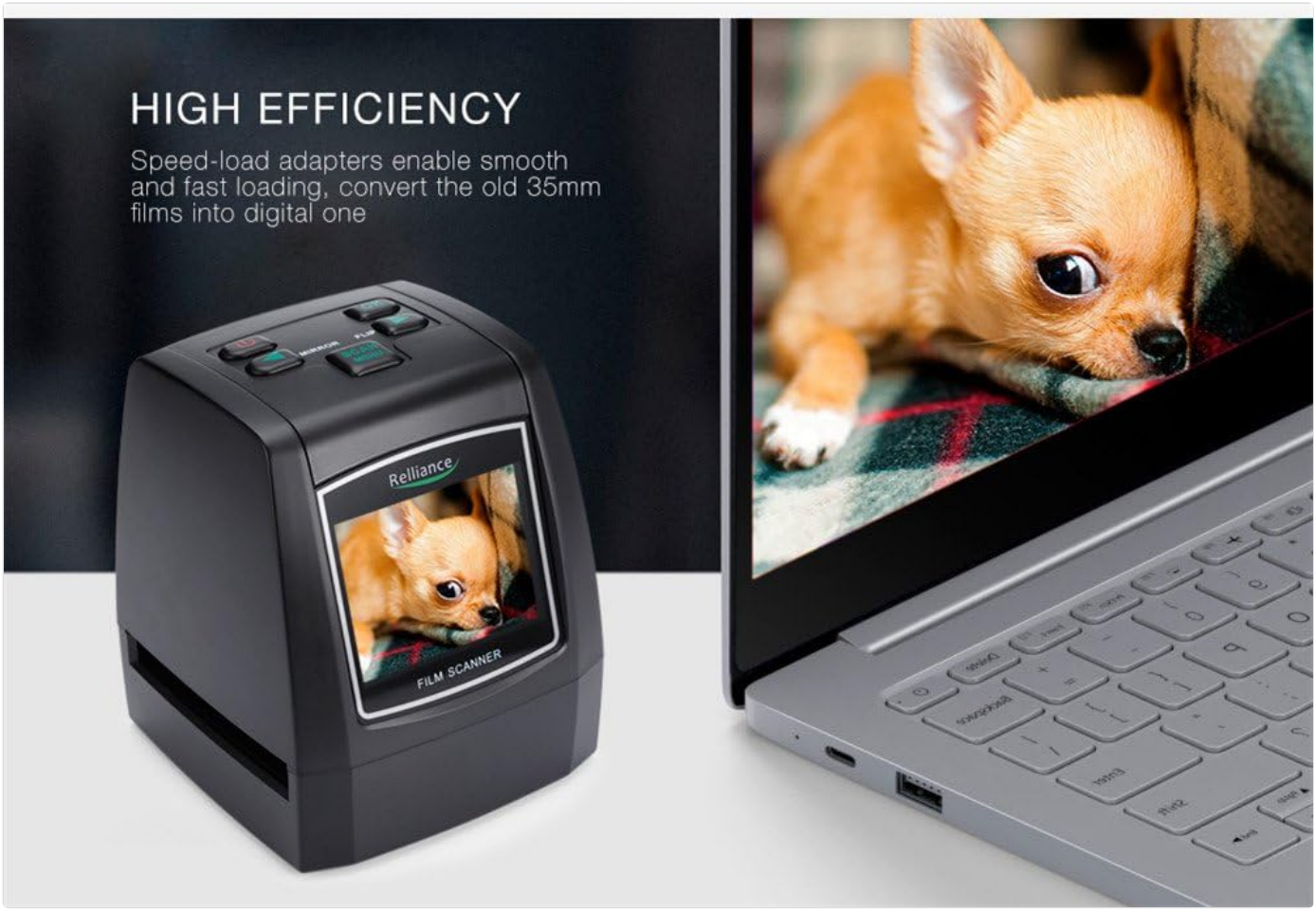


Figure 4: The scanner offers high efficiency, converting various film types to digital JPEG format quickly.

5. Maintenance

To ensure the longevity and optimal performance of your EC018 Film Scanner, follow these maintenance guidelines:

- **Cleaning the Lens:** Use the provided cleaning brush or a soft, lint-free cloth to gently clean the scanner's lens and film path. Avoid using liquid cleaners directly on the lens.
- **Exterior Cleaning:** Wipe the exterior of the scanner with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the scanner in a cool, dry place away from direct sunlight and extreme temperatures. Keep it free from dust when not in use.
- **Handle Film Holders:** Handle film holders carefully to prevent damage, which could affect film alignment during scanning.

6. Troubleshooting

If you encounter issues with your EC018 Film Scanner, refer to the following common problems and solutions:

- **Scanner does not power on:**
  - Ensure the USB cable is securely connected to both the scanner and a working power source.
  - Try a different USB port or power adapter.
- **Image appears blurry or unclear:**
  - Clean the scanner lens and film path using the provided brush.
  - Ensure the film is properly seated in the film holder and the holder is fully inserted into the scanner.
  - Check that the correct film type is selected in the scanner's menu.
- **SD card not recognized:**
  - Ensure the SD card is inserted correctly and fully.
  - Try formatting the SD card (this will erase all data, so back up first) or use a different SD card.
  - Verify the SD card capacity does not exceed 32GB.
- **No image on TV when connected:**
  - Ensure the TV-out cable is securely connected to both the scanner and the TV.
  - Select the correct input source (e.g., AV, Video 1) on your television.

7. Specifications

Feature	Specification
Interface	USB 2.0
Image Sensor	14/22 Megapixel CMOS
LCD Screen	2.4-inch TFT LCD
Exposure Control	Automatic / Manual
White Balance	Automatic
Resolution	14/22 Megapixel (Interpolation)

Supported Film Types	135 Film (36x24mm), 126KPK Film (27x27mm), 110 Film (17x13mm), Super 8 Film (4.01x5.79mm)
File Format	JPEG
TV Output Type	NTSC/PAL
Internal Memory	128 MB
SD Card Capacity	Up to 32 GB (not included)
Supported Operating Systems	Windows XP/Vista/7/8/10, Mac 10.7.3 and above
Languages	English, French, German, Italian, Spanish, Traditional Chinese, Simplified Chinese, Japanese
Dimensions	80mm (W) x 77mm (D) x 99mm (H) (Approximate)



Figure 5: Product dimensions of the EC018 Film Scanner.

8. Warranty and Support

Information regarding product warranty and customer support is not available in the provided product details. Please refer to the retailer or manufacturer's website for specific warranty terms and contact information for support.

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