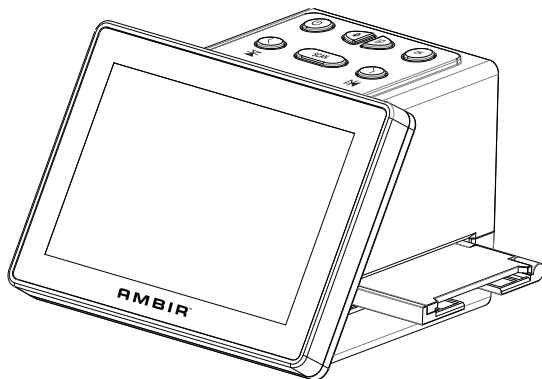


AMBIR™

www.ambir.com



AMBIR Film & Slide Scanner User Manual

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1.Introduction

Thank you for purchasing the Ambir Film and Slide Scanner FS500. This product is designed to help you easily convert your film negatives and slides to digital images that you can share, store and preserve.

Save your treasured memories on the onboard memory or on the included SD card. Easily transfer digital images to your computer from these storage devices with the included usb cable. You can also connect the scanner directly to HDTV or Digital Projector via HDMI Cable (Not included).

This User Manual is intended to provide you with guidance on how to operate this product and any use outside of the instructions contained in this guide may void the warranty.

This product is covered by a limited one-year warranty coverage and is subject to limits and exclusions.

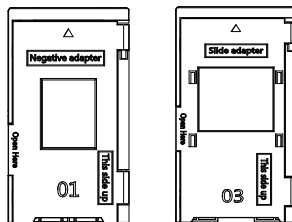
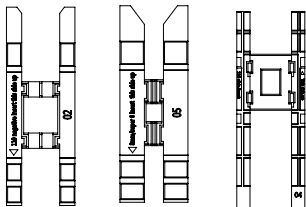
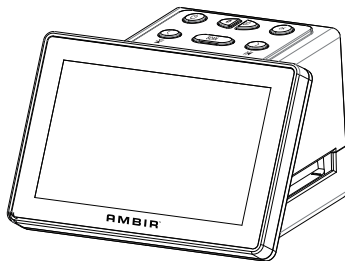
For more information visit www.ambir.com

2. Safety precautions

- Warning: This product contains small parts and is not suitable for children under 3 years old.
- Warning: Do not attempt to disassemble or alter this unit. This device contains no user-serviceable parts.
- Important: Do not expose this product to liquids or high humidity.
- Do not handle this product with wet hands. Risk of electric shock.
- Do not block any ventilation openings
- Do not operate this device near heat sources such as radiators or stoves.
- Do not move or disconnect the device from the computer while the device is reading or writing data. This may cause damage to the data and/or the device.
- Remove all packaging before using this device. Please keep all packaging materials out of reach of children and pets.
- Always turn off and unplug the device when it is not in use. Unplug the USB cable from your computer and unplug the AC adapter from the socket.
- Properly dispose of all packing materials immediately after unpacking product, as the bags used for packaging could present a suffocation or choking hazard.

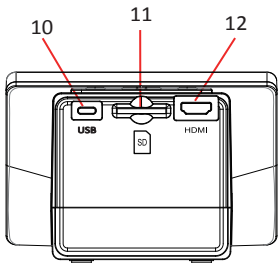
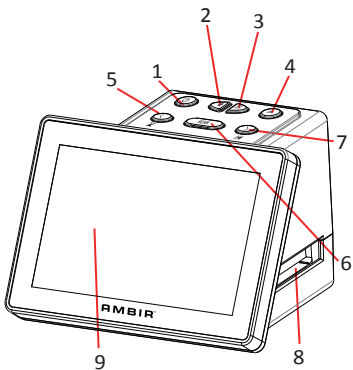
3. Box contents

- Film scanner
- Negative holder
- Slide holder
- 110 film insert
- 110 slide insert
- 8mm/super8 film insert
- USB cable (C type)
- HDMI cable (A type)
- User manual
- Cleaning brush
- Mini SD card
- Mini SD card adaptor



4. Button Functionality

- 1. Power button
- 2. Setting button
- 3. Playback button
- 4. OK Button
- 5. Back/Flip Button
- 6. Capture button
- 7. Forward/Mirror Button
- 8. Adapter slot
- 9. LCD screen
- 10. USB port
- 11. SD card slot
- 12. HDMI port



NOTE: Illustrations are for instructional purposes only, and may be different from the actual product.

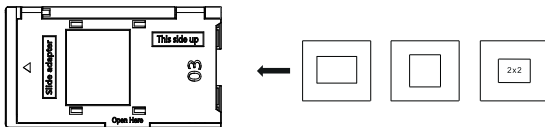
5.Operation Instructions

Preparing Films or Slides

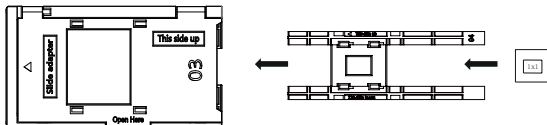
IMPORTANT: Ensure your films/slides are clean and free of dirt or debris.

1. Open the appropriate film/slide adapter and insert your film/slide. Each adapter is labeled to identify it. If you are not certain of your slide/film type, refer to the images as following.

Slides adapter & insert

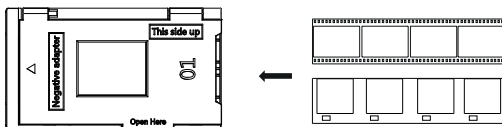


135/126/110(2"x 2") slide

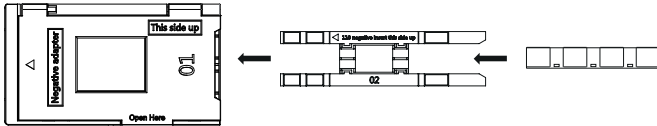


110(1"x 1") slide

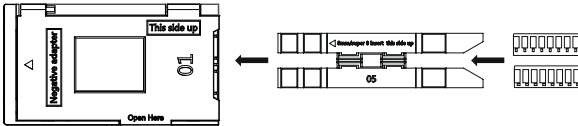
Negative adapter & insert



135/126 negative film

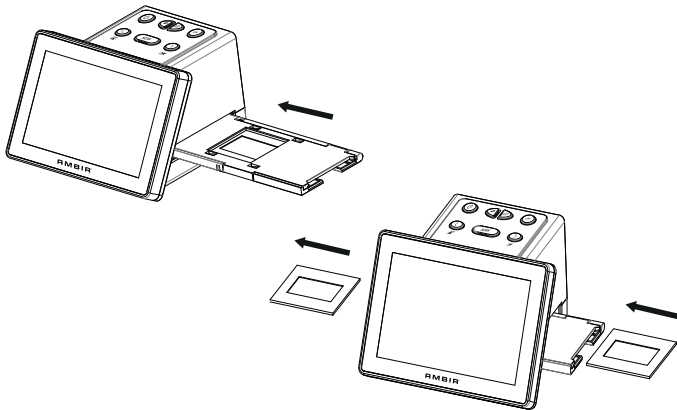


110 negative film



super8/8mm

2. Close the film/slide adapter and press the edge that it locks into place.
3. Ensure the film/slide is facing the correct way and is not bent. You can center the film/slide by manually adjusting it to the left or right.



Using an SD Card

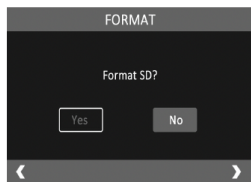
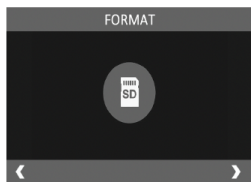
Note: This scanner has built-in memory for saving scanned images. This film scanner will also accept SD, SDHC, and SDXC cards with a maximum of 128GB for extra memory. If you are using a 128GB SD card, it may need to be formatted before using for the first time. Please see below for formatting instructions.

1. Insert the SD card, label up, into the SD card slot located at the back of the film scanner. The SD card will click in if inserted properly.
2. Remove the SD card by pressing on it until it clicks and pops out, then remove it from the slot.

Formatting SD Card/Internal Storage

WARNING: Formatting your SD card will delete all files stored on the SD card. Download your files from your SD card to your computer before formatting.

1. After turn on the device, in the Main Menu or press the Setting button to open the Main Menu, use the < and > buttons to select the FORMAT.
2. Press the OK to open the format menu.
3. When prompted if you would like to format the SD, use the < button to select “Yes” then press the OK button to begin formatting the SD card.



Note: If no SD card is inserted in the device it will format the built-in memory and delete all local images.

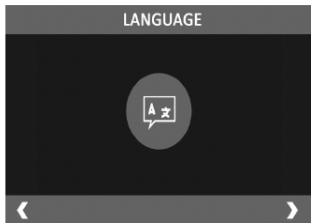
Powering on Film Scanner

1. Connect the USB cable to the USB port on the film scanner.
2. Connect the other end of the USB cable into a USB wall adapter (not included) or USB power source (5V/1A).
3. Press and hold the Power button on the scanner to turn it on.

Note: The film scanner will automatically shut off after 10 minutes of inactivity.

Changing the Language

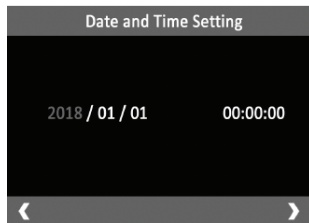
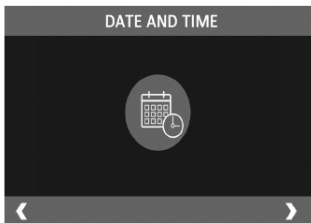
1. On the Main Menu or press the Setting button to open the Main Menu, use the < and > buttons to select the LANGUAGE option.
2. Press OK to open the language menu.
3. Use the < and > buttons to scroll between the available selections.
 - English - Français - Japanese
 - Español - Deutsch - Chinese
4. Press OK to select the language.



Date and Time Setting

1. On the Main Menu or press the Setting button to open the Main Menu, use the < and > buttons to select the DATE AND TIME option.
2. Press OK to open the DATE AND TIME menu.
3. Use the < and > buttons to select the correct year.
4. Use the OK button to move to the next setting.

The order of the settings is Year/ Month/Day/Hour/Minutes/Seconds.

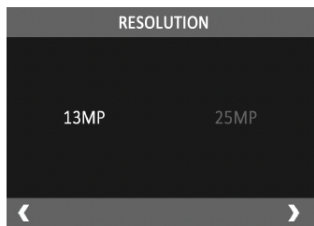
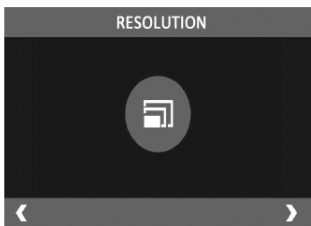


Note: Hour is displayed as a 24 clock. Selecting 12 and above would set the Hour to PM

Selecting Scan Resolution

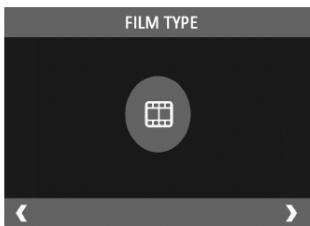
1. On the Main Menu or press the Setting button to open the Main Menu, use the < and > buttons to select the RESOLUTION and press OK.
2. Use the < and > buttons to select 13MP or 25MP and press OK to confirm.

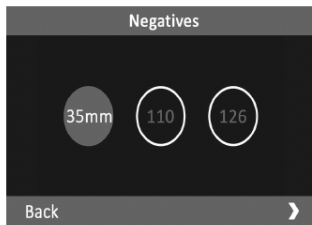
- 13MP - 25MP



Select Film Type

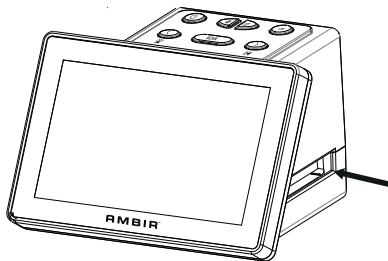
1. On the Main Menu or press the Setting button to open the Main Menu, use the < and > buttons to select the FILM TYPE option.
2. Press OK to open the film type menu.
3. Use the > arrow key to cycle through Negatives, Slides, or B&W. Press the OK button to select it.
4. The next screen will show the different types of your selection. Use the > arrow key to select the correct type.
5. Press the OK button to enter capture mode.
(as Negative 35mm for example)





Cleaning and Care

Cleaning and care use the included cleaning brush to ensure there is no dust or debris on the lens. Insert the soft end of the brush, face down, into the film/slide holder slot. Carefully push the brush around inside to get rid of any dust or debris that may be on the LED backlight.

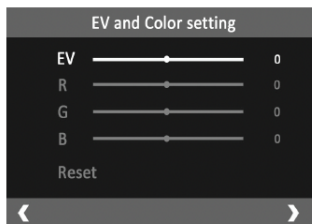


Scanning Image

1. Press the Scan button to enter Capture Mode.
2. You should now see your film or slide image on the screen and the corresponding film/slide type is listed at the top right corner.

Note: Image on screen does not reflect scanned image quality.

3. To adjust Brightness or Color, press the OK button. Use the left/right arrows to move between Brightness (EV), Red (R), Green (G), or Blue (B). Press the OK button to adjust them individually.



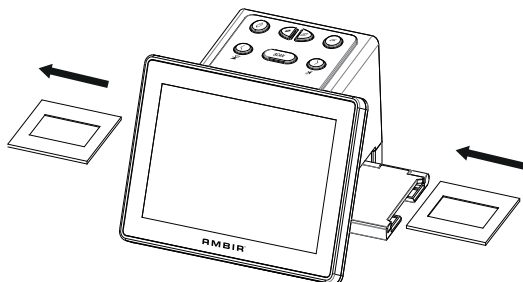
4. Once all settings are correct, press the SCAN button to return.

5. You can also flip or mirror your image before scanning by pressing the < or > buttons.

< - Flip > - Mirror

6. Once ready, press the SCAN button to capture and save your image to the internal memory or SD card if one is inserted. The device cannot scan directly to a computer.

7. If you have multiple slides/negatives you can push/pull them through the adapter without removing it. See image below for reference.



Note: When inserting film/negative strips use caution to ensure they are not bent or damaged

Viewing scanned Images

1. Press the GALLERY button to go to view your saved images.
2. Your images will play automatically in Slideshow mode.
3. To manually review your saved images and stop Slideshow mode, press the OK button.



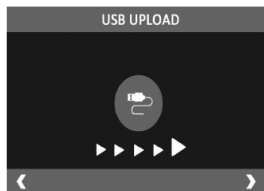
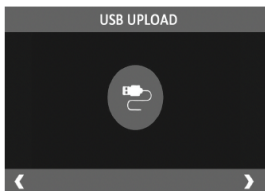
4. Use the left and right buttons to scroll through each saved image.
5. Press the OK button again to open the Gallery options. You can choose to either go back to Slideshow mode, rotate right, rotate left, delete the image, or return to the Main Menu.



Transferring Images to Computer

IMPORTANT: The film scanner cannot scan directly to a computer. Scanning must be completed on the film scanner.

1. Ensure your computer is powered on.
2. Connect the film scanner to your computer via the included USB cable.
3. Power on the film scanner.
4. In the film scanner menu, select USB UPLOAD.
5. A new folder will appear on your computer. Your saved images can be found here. You can now move these images from your scanner directly onto your computer.



Watching images on TV Screen

1. Turn on the film scanner.
2. Connect an HDMI cable (not included) to the HDMI port on the back of the film scanner.
3. Connect the other end of the cable into an HDMI input on your TV.

Note: When you connect the film scanner to your TV, the scanner's LCD screen will turn off automatically.

4. Ensure that your TV is set to the proper input/video source.
 5. You should now see the film scanner's screen on your TV screen.
- Transferring Images to Your Computer

6. SPECIFICATIONS

Image sensor	13 Mega CMOS sensor
Lens	Multi-elements precision lens
LCD	5.0" Color TFT LCD
Focus range	Fixed focus
Supported film types auto converting	Color negative film: 135,126,110 Slides:135,126,110, 8mm, super 8 Black & white negative film: 135,126,110
Exposure control	Automatic, with 7 levels of manu Adjustment
Color balance	Automatic, with 7 levels of manu Adjustment
Scan quality	3000dpi, 4300 dpi (interpolation) for 135 film
Data conversion	10bits
File output	JPEG
Light Source	Backlight (4 white LEDs)
Interface	USB 2.0 or 1080 HD output
Power source	USB Power, Power bank or DC 5V/1A adaptor
Dimensions	136x132x97mm
Weight	approx. 498g
External memory	SD/MMC compatible (up to 128GB SDHC)

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