

IRIScan™ Anywhere 3

Scanner

User Guide

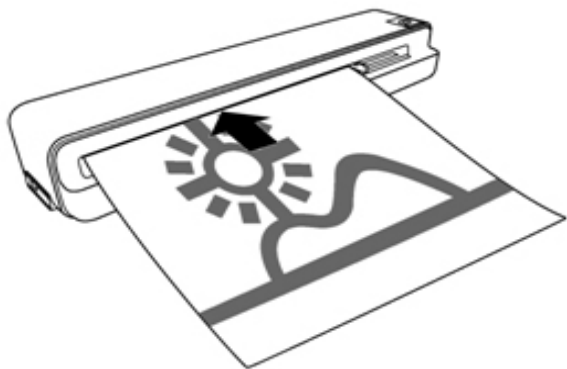


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Read This First

Please read the following important safety instructions carefully before using this scanner. Failure to observe these instructions may result in personal injuries or damages to the scanner.

Important safety instructions

Always follow these basic safety precautions when using the scanner. This will reduce the risk of fire, electric shock, and injury.



Do not place this scanner under direct sunlight or near heat sources, such as in a closed car under sunlight or near a stove. The outer casing of this device may become deformed and the sophisticated sensors inside may become damaged due to excessive heat.



Do not use this device near water, in the rain or allow any liquid to get inside this device. Water and moisture may cause short-circuit to the electronic components and lead to malfunctions.



Do not use this device in dusty environments. Dust grains may cover this device and scratch the original. Do not scan originals that are contaminated by dusts or other particles.



Do not use this device near strong electromagnetic sources, such as a microwave oven or television. The electromagnetic interference may cause this device to malfunction.



Do not attempt to disassemble or modify this device. There are no user-serviceable parts inside this device, and unauthorized modifications will void your warranty.



Do not drop or apply shock/vibration to this device. Strong impacts may damage the components inside.



Do not insert objects other than compatible memory cards into the memory card slot of this device. The metal contacts inside the slot can easily become damaged by foreign objects.



This scanner contains a rechargeable built-in Li-Polymer battery. The battery should only be charged via the USB connection to a PC. If the battery needs replacement, the operation should only be performed by an authorized and qualified service person. Do not attempt to replace the battery yourself.



The mini USB socket on this device is designed solely for connecting to the USB cable. Do not insert any other objects into this port.



If there are strange odors or heat emitting from this device or any signs of malfunction, turn this device off immediately and contact your dealer for inspection or service.

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Notes about copyrighted materials

Avoid scanning and re-distributing copyrighted originals and images or those of unknown sources. Doing so may violate your local copyright laws and related regulations. I.R.I.S. SA cannot be made liable for the losses that may result from breaching the laws described above.

Disposal of this product

To help protect the environment, dispose of this scanner properly according to your local regulations regarding the disposal of waste products.

Scanner Accessories

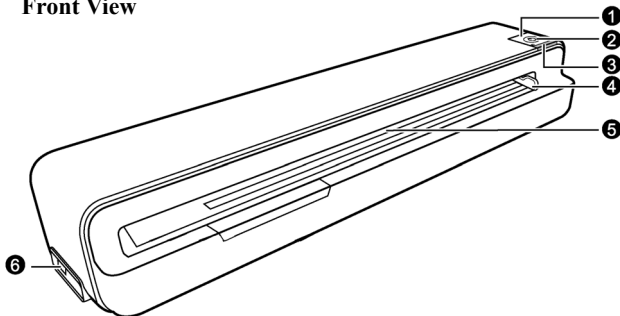
Your **IRIScan™ Anywhere scanner** is provided with the following accessories. If any items are missing or damaged, please contact your place of purchase immediately.

- 1 calibration card
- 1 USB cable
- 1 sensor cleaning swab

Introduction

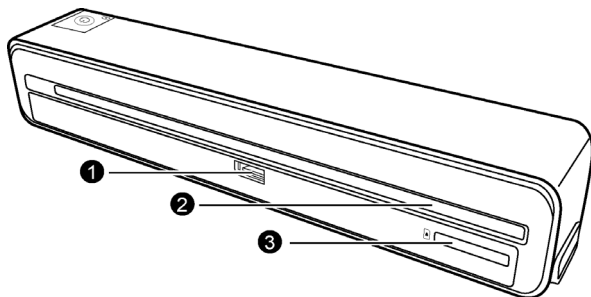
Scanner Diagram

Front View



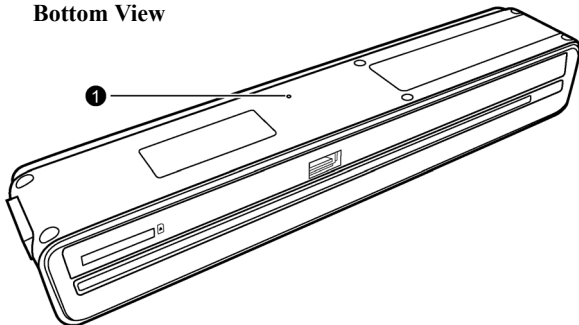
No.	Name	Function/description
❶	Power button	<ul style="list-style-type: none"> • Press to power on the scanner. • When scanner power is on, press and release to change scanning resolution. • Press and hold for one second to power off the scanner. • When the original jams in the feeding slot ❺, press to back it out from the scanner.
❷	Power indicator	Indicates the power status of the scanner. Refer to Indicators on page 7 for details.
❸	Status indicator	Indicates the operating status of the scanner and memory card. Refer to Indicators on page 7 for details.
❹	Paper guide	Slide the guide to adjust the feeding slot for smaller originals and ensure proper alignment.
❺	Feeding slot	Insert an original into this slot to begin scanning.
❻	Mini USB socket	For connecting the scanner to a computer via the USB cable.

Rear View



No.	Name	Function/description
①	USB socket	For connecting a USB flash drive.
②	Output slot	The scanned original comes out from this slot.
③	SD/xD/MMC/ MS card slot	Accepts the following types of memory cards: SD, xD, MMC and MS. Refer to Supported Memory Card Types on page 17 for details.

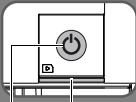


















Bottom View









No.	Name	Function/description
①	Reset button	In case there is no response from the scanner, insert a pointed object into this hole to trigger the reset button and reset the scanner.

Indicators

Please see below for the lighting patterns of the indicators and their meanings.

<div>  <div> <div>Power</div> <div>Status/card</div> </div> </div> <div> <ul style="list-style-type: none">  : Blinking slowly  : Blinking rapidly  : Steadily on  : Off </div>		
Indicator lighting patterns and the functions they represent	 	<ul style="list-style-type: none"> When the scanner is connected to a computer: the battery is fully charged and the scanner is ready for use. or <ul style="list-style-type: none"> When the scanner is not connected to a computer: the scanner power is on and the scanner is ready for use.
	 (green)  color (*)	Scanning current original.
	 (orange)  color (*)	The battery is being charged when scanner power is on.
	 (orange) 	The battery is being charged when scanner power is off.
	 (orange)  color (*)	The battery power is low.
	 	<ul style="list-style-type: none"> The scanner is powered off. The battery is fully charged (when scanner power is off and connected to a computer).
	 (green)  color (*)	<ul style="list-style-type: none"> Initializing system and memory card. Please wait until the initialization process is complete before using the scanner. Busy scanning and storing image file. Please wait until the process is complete before scanning another original.

 (green)  color (*)	<ul style="list-style-type: none"> • Paper jam. Press the Power button. The scanner will back out the original so you can remove the jammed original from the Feeding slot. • Calibration error. Retry the calibration following the instructions in Calibrating the scanner on page 19.
  color (*)	No memory card, card full (free space below 10MB), card error, card locked or the file system is not supported. Remove files from the card to clear space, unlock the card if it is locked, or try another card.
 (orange)  color (*)	The battery power is extremely low, and the scanner will power off automatically in 5 seconds. Charge the battery immediately.

(*) The following colors indicate the current resolution:

- Green - 300dpi (default setting)
- Orange - 600dpi.

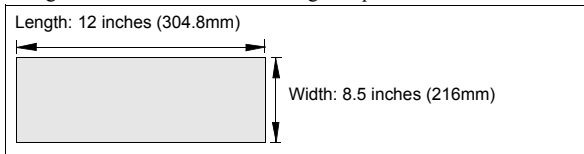
Suitable and Unsuitable Original Types

This scanner is designed to obtain the best scanning results with the following types of originals:

- Photos (From 3" x 5", 4" x 6", 5" x 7" up to A4/Letter size)
- Business cards (Standard 3.5" x 2" (8.9 x 5 cm) or larger)

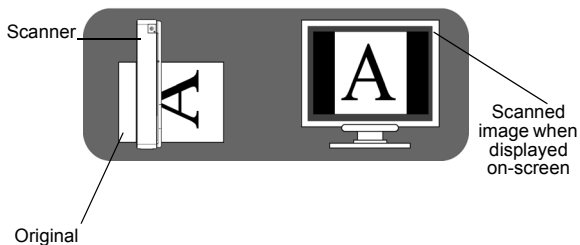
Do not use the following types of originals for scanning. Otherwise the scanner will malfunction or cause the original to jam in the slot.

- Originals thicker than 1.0mm
- Originals with either side shorter than 55mm
- Originals with lots of black or dark colors
- Originals with dark colors surrounding the edges
- Printed images (pictures on newspapers, magazines, etc.)
- Soft and thin materials (thin paper, cloth, etc.)
- Originals that exceed the following acceptable size:



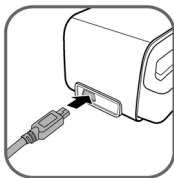
Orientation of the Original and Scanned Image

Make sure to scan the originals in the orientation shown in the illustration below.

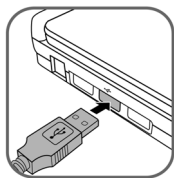


Using the Scanner

Preparation and Initial Setup



1. Connect the mini end of the USB cable (included with scanner) to the **Mini USB socket** on the scanner.



2. Power on your computer, and then connect the large end of the USB cable to a USB port on your computer to start charging the built-in battery of the scanner.

After the battery is fully charged, disconnect the scanner from the computer.



NOTE: It takes approximately 4 hours to fully charge the scanner battery. See **Indicators** on page 7 to identify the charging status.



3. Insert an unlocked (writable) memory card into the memory card slot, or a USB flash drive into the **USB port** on the scanner.

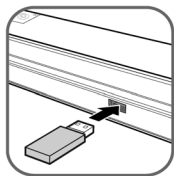


NOTE:

- You can also use this scanner without a memory card or USB storage device. The scanner has a built-in 512MB memory.
- When storing images, the scanner uses the three possible memory types in the following priority order:

USB flash drive > Memory card > Built-in memory

- The scanner only accepts memory cards in FAT16 or FAT32 format. NTFS and other file systems are not supported.
- See **Supported Memory Card Types** on page 17 for all supported memory card types.



Power on the Scanner



1. Press the **Power** button. The **Power** and **Status** indicators blink.



NOTE: For more information on the indicator lights, refer to **Indicators** on page 7.



2. Wait until the **Power** indicator stops blinking and then goes off. The **Status** indicator will stay on steady, indicating that the scanner is ready.



NOTE: Do not insert any original into the feeding slot when the **Power** indicator is blinking; the original will not be scanned.

Set the Scanning Resolution

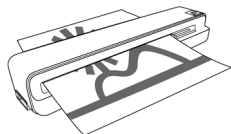
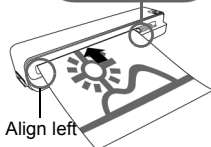
The scanning resolution is measured in dpi (dots per inch). The higher the dpi, the more details on the original will be captured by the scanner and the higher the quality of the scanned image will be. However, a higher dpi will also result in a larger image size and occupy more space on the memory card.



To change the scanning resolution, press and release the **Power** button. The scanning resolution changes with each press of the button, and the color of the **Status** indicator will also change according to the resolution selected:

- Green: 300dpi (normal mode, default setting)
- Orange: 600dpi (fine mode)

Scan an Original



1. With the side to be scanned facing upward and in the correct orientation (refer to **Orientation of the Original and Scanned Image** on page 9), place one edge of the original on the scanner and adjust the paper guide so that the original is aligned with the left side of the feeding slot.



CAUTION: Do not scan glossy photos in humid environments (humidity higher than 70% RH). Otherwise the surface of the photo will become sticky and cause the scanner to jam.

2. Insert the original into the feeding slot. The original will be fed through the slot and scanned automatically. The **Power** indicator blinks while scanning.



NOTE: To prevent poor image quality, reserve adequate space behind the scanner.

3. When the scanning is completed, the **Power** and **Status** indicators will keep blinking momentarily, indicating that the scanner is processing the image and storing the file onto the memory card. Wait until the indicator lights stop blinking before inserting and scanning the next original.



CAUTION:
Insert only one original at a time. Insert the next original only when the previous one is done. Otherwise the scanner may malfunction.

**NOTE:**

- Always place the scanner on a flat surface for scanning. Do not hold the scanner while scanning.
- Do not remove the memory card or USB flash drive (if connected) while the indicators are blinking.
- This scanner is not guaranteed to be compatible with all USB flash drives on the market.
- A fully charged battery can sustain up to 100 scans of A4/Letter size plain paper at 300dpi. This is a factory test value for your reference, and actual battery performance may vary.
- This scanner only supports output images in JPEG (.jpg) format, and the date/ time attribute will not be added.
- For more information on how this scanner stores the scanned image files on the memory card, refer to **File Naming and Storage Rules** on page 17.
- If the memory space is nearly full (lower than 10MB), the **Status** indicator blink (refer to **Indicators** on page 7). Use another card or delete some files on it if necessary.



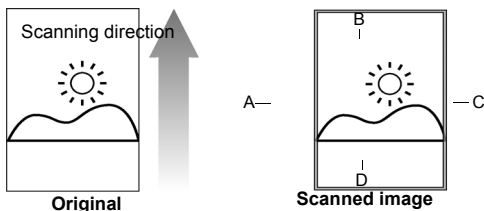
4. To power off the scanner after all originals are scanned, press and hold the **Power** button for 1 second until the indicators go off.



NOTE: The scanner will automatically power off if it is left idle for 5 minutes (if not connected to a computer).

Automatic Image Cropping

This scanner has a built-in cropping function that detects and crops dark edges of an original during the scan process. See the illustration below.



Scanning resolution	Cropping size (as measured on the original)			
	A	B	C	D
300dpi/600dpi (when the original's size is larger than 5" x 7")	3 mm	3 mm	3 mm	3 mm
300dpi/600dpi (when the original's size is smaller than 5" x 7")	1.5 mm	1.5 mm	1.5 mm	1.5 mm



NOTE: When scanning darker originals (for example, a photo of the night sky), over-cropping may occur. Please insert the original in a different direction (orientation) and try again.



Original



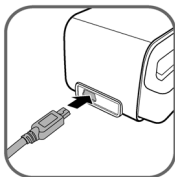
Scanned image
(over-cropped)

Connecting the Scanner to a Computer

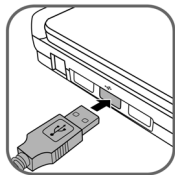
By connecting the scanner to a computer, you can access the scanned images on the memory card, USB flash drive and scanner's internal memory directly, or use the scanner as a memory card reader, so that you can freely copy, paste or delete files using the computer.

System Requirements

- Operating system: any operating system that supports USB mass storage (e.g. Windows, Mac, Linux, Unix,...)
- USB port supported: USB 1.1 and 2.0.



1. Connect the mini end of the USB cable (included with scanner) to the **Mini USB socket** on the scanner.



2. Power on your computer, and then connect the large end of the USB cable to a USB port on your computer.



3. Press the **Power** button. The **Power** and **Status** indicators blink.



NOTE: For more information on the indicators, refer to **Indicators** on page 7.

- The scanner will be recognized by the computer as removable disks. When the **Status** indicator stops blinking, you are ready to view and edit the files.



NOTE: Do not remove the memory card or USB flash drive while the computer is accessing the files on them.

For Windows Vista Users

When the computer recognizes the scanner with an inserted SD card or USB flash drive; a pop-up **AutoPlay** window will appear. To view photos on the computer while scanning, change the Windows Explorer setting as follows:

- Check the **Always do this for pictures** checkbox.
- Select **Open folder to view files** option.

For Windows XP Users

When the computer recognizes the scanner, with an inserted SD card or USB flash drive, a pop-up window will appear. To view photos on the computer while scanning, change the Windows Explorer setting as follows:

- Select **Open folder to view files using Windows Explorer**.
- Select the **Always do the selected action** checkbox.

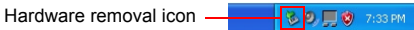
For Macintosh Users

When the computer recognizes the scanner with an inserted SD card or USB flash drive, the volume icon will appear on the desktop. To view the contents, double-click the icon to open a Finder window.

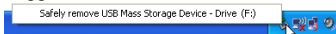
-
- To safely disconnect the scanner from the computer:

For Windows Users

- On Windows **System Tray**, click the hardware removal icon as indicated below.



- Click to select the **Safely remove USB Mass Storage Device** option that appears.

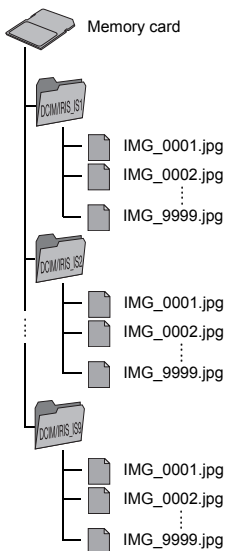


- When the following message is displayed on-screen, you can safely unplug the scanner from your computer.



For Macintosh Users:

- Click and drag the **Volume** icon to **Trash**.
- Disconnect the scanner from your computer.

More Information**File Naming and Storage Rules**

- If the memory card is used with the scanner for the first time, the scanner creates a folder named **DCIM\IRIS_1** in the root directory to store the scanned image files. Each image file has a prefix “**IMG_**” followed by a 4-digit serial number in the sequence the image is stored.
- If the file name reaches **IMG_9999.jpg** in the **DCIM\IRIS_1** folder, another new folder named **DCIM\IRIS_2** will automatically be created to store subsequent new files, and so on.
- If the memory card already contains folders created by the scanner, the scanner will store the images in the last folder created.
- There can be up to 9 folders (**DCIM\IRIS_1**, **DCIM\IRIS_2**... **DCIM\IRIS_9**) on a memory card. If exceeded, the **Status** indicator blinks. Delete some files on the memory card or use another one if necessary.

Supported Memory Card Types

- MS (MemoryStick)
- MS Pro
- MS Pro Duo (adapter required)
- MS Duo (adapter required)
- MMC (MultiMediaCard)
- RS-MMC (adapter needed)
- xD (extreme Digital, H-type and M-type)
- SD (SecureDigital)
- Mini SD (adapter required)
- micro SD/T-Flash (adapter required)

Care and Maintenance

Cleaning the Scanner

In order to maintain the scanned image quality and prevent dust accumulation, it is recommended that you clean the scanner (outer casing and image sensor inside the scanner) approximately every 50-100 scans, or if vertical lines or stripes appear on the scanned image. Use only the recommended and supplied tools to clean the scanner.



WARNING: Do not use any solvents or corrosive liquid (i.e., alcohol, kerosene, etc.) to clean any part of the scanner. Otherwise the plastic material will be permanently damaged.

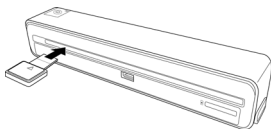
Cleaning the Outer Casing

Please follow the instructions below to clean the outer casing of the scanner when necessary.

1. Use a suitable dust blower to blow off the dust on the scanner.
2. Use a slightly dampened cloth to wipe off any smear on the surface of the scanner.
3. Wipe the scanner with a dry and clean lint-free cloth.

Cleaning the Image Sensor

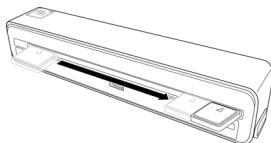
1. Clean the scanner's outer casing first.



2. With the scanner power off and disconnected from the computer, insert the sensor cleaning swab into one end of the output slot.



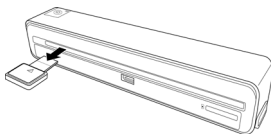
NOTE: Make sure that there is no visible dust on the swab before inserting it into the output slot.



3. Gently slide the sensor cleaning swab back and forth from one end of the output slot to the other five or six times consecutively.



NOTE: Do not apply too much force on the swab.



4. Remove the sensor cleaning swab from the slot, and store it in a safe place and protect it from dust.

Calibrating the Scanner

If the scanned image looks fuzzy or there are strange stripes on it, the scanner may need calibrating in order for the sensor to resume its original precision. To calibrate the scanner:


1. Follow the instructions beginning on page 18 to clean the image sensor, and then follow the instructions in **Preparation and Initial Setup** on page 10 to prepare the scanner for scanning.



2. Insert the calibration card as shown.

3. The scanner will scan the pattern on the calibration card and perform calibration to the sensor inside automatically.



 **NOTE:** Make sure that the calibration card is inserted in the correct direction and aligned with the left side of the feeding slot. Otherwise the calibration won't work.

Storing the Scanner

If the scanner will not be used for a prolonged period of time, follow the instructions below to store the scanner for future use.

1. Disconnect the scanner from power supply.
2. Place the scanner and power adapter in a box or bag to keep them from accumulating dust.
3. Place it in a cool and dry place where inaccessible to small children. To avoid warping the top housing, do not place heavy objects on top of the scanner.
4. After long-term storage, it is recommended that you clean and calibrate the scanner before use.

Battery maintenance

This scanner has a built-in Li-Polymer rechargeable battery. The capacity of the battery normally decreases each time you use it. Nevertheless, you can still follow the suggestions below to extend the battery's lifetime as long as possible:

- Use the scanner at least once per week.
- Charge the battery regularly. Never leave the battery fully discharged for a long time.
- Keep the battery fully charged when not in use. If the scanner will not be used for several weeks, partially-discharge the battery before storage.
- Keep the scanner and battery away from heat.
- If the scanner only works when the power adapter is connected, contact your dealer to replace the battery.



WARNING: Do not attempt to replace the battery yourself. Incorrect handling of the battery or using a wrong type of battery may cause damages to the product or result in personal injuries.

Frequently Asked Questions/Troubleshooting

Problem: There are strange lines on the scanned image, or the image is not clear.

Solution: Please ensure the following:

- Are there scratches on the original, or is the original clean? Remove any stains or dust from the original before scanning.
- Has the scanner been used for a long period of time without cleaning and calibration? Follow the instructions for **Cleaning the Scanner** on page 10 and **Calibrating the Scanner** on page 19, and then try again.

Problem: The original gets stuck halfway in the feeding slot.

Solution: Press and release the **Power** button. The scanner will back out the original so you can remove the jammed original from the **Feeding slot**.

Problem: The Status indicator blinks rapidly and scanning is not possible.

Solution: Check the following:

- Is the memory card inserted properly into the memory card slot? Re-insert the card and try again.
- Is the memory card locked (set to write-protect)? Unlock the card.
- Is the memory card full? The indicator blinks when the free space on the memory card is below 10MB. Use another card if necessary.
- Make sure the memory cards are in FAT or FAT32 file formats only, not NTFS or any other file format.
- Did you insert the next original before the scanning process of the previous one was completed? Power the scanner off and back on and try again. Make sure that you scan the next original only after the scanning process of the previous one has completed.
- Does the length of the original exceed the maximum acceptable size? Refer to **Suitable and Unsuitable Original Types** on page 8 for more information.

Problem: The scanner feels warm to the touch.

Solution: It is normal for the scanner to emit a small amount of heat (around 30-45°C) after prolonged use. However, if there are strange odors coming from the scanner or the scanner feels hot to the touch, disconnect the scanner immediately from the computer.

Specifications

Document feeding	Sheet-fed type (single-pass)
Resolution	<ul style="list-style-type: none">• 300 dpi (default setting)• 600 dpi
Dimensions (approx. value)	59 (L) x 269 (W) x 44 (H) mm (scanner only)
Weight (approx. value)	396g (scanner only)
Supported original types	Refer to Suitable and Unsuitable Original Types on page 8.
Supported memory card types	Refer to Supported Memory Card Types on page 17.
Supported output image format	JPEG with compression
Internal memory size	512 MB
USB port	Mini USB port compatible with the USB 2.0 specification
Operating temperature	15°C ~ 35°C (59°F ~ 95°F)
Operating humidity	20% ~ 70% RH
Storage temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage humidity	10% ~ 90% RH