

imageRUNNER 2018N / 2022N Specifications

| Main Unit | | |
|----------------------------|---|--|
| Type | Digital, Multifunction System | |
| Developing System | Single Component Dry Toner Projection Development | |
| Fixing System | On-demand Fixing | |
| Memory | 128 MB RAM (std) / 256 MB RAM (max.) | |
| First Print Time | 6.9 seconds | |
| Warm-Up Time | 14 seconds maximum after powering ON | |
| Copy Speed | iR2018N | 18 pages/minute (A4) |
| | iR2022N | 22 pages/minute (A4) |
| Copy Resolution | Reading: 600 dpi x 600 dpi | |
| | Printing: 1,200 dpi x 1,200 dpi | |
| Halftone | 256 levels | |
| Maximum Original Size | 297mm x 432mm | |
| Magnification Zoom | 50 - 200 % (in 1% increments) | |
| Paper Sizes | Cassette | A3, B4, A4, A4R, B5, B5R and A5 |
| | Bypass Tray | A3, B4, A4, A4R, B5, B5R, A5, A5R, Irregular size (95mm x 148mm to 297mm x 432mm), and Envelopes (ISO-B5, ISO-C5, COM10, DL and Monarch) |
| Paper Capacity | Cassette | iR2018N: 250 sheets x 1 (80 g/m ²) (Std.) |
| | | iR2022N: 250 sheets x 2 (80 g/m ²) (Std.) |
| | Bypass Tray | Optional: 250 sheets x 2 (80 g/m ²) |
| Paper Weight | Cassette | 64 to 90 g/m ² |
| | Bypass Tray | 64 to 128 g/m ² |
| Paper Type | Cassette | Plain, Recycled, Color, Bond, Heavy |
| | Bypass Tray | Plain, Recycled, Color, Bond, Heavy, Transparency, Labels, Envelopes (ISO-B5, ISO-C5, COM10, DL, and Monarch) |
| Multiple Copies | 1 to 99 sheets | |
| Dimensions (W x D x H) | iR2018N | 622 mm x 638 mm x 580.4 mm |
| | iR2022N | 622 mm x 638 mm x 665.4 mm |
| Installation Space (W x D) | 1,016 mm x 1,249 mm | |
| Weight | iR2018N | Approx. 41.0 kg |
| | iR2022N | Approx. 47.0 kg |
| Power Source | 230V AC, 50/60 Hz | |
| Power Consumption | Approx. 1.5 kW max. | |

| Network Printing Feature | | |
|--------------------------|--------------------------------------|--|
| Command Language | UFRII LT (std.), PCL5e* and PCL6* | |
| Print Resolution | UFRII LT | True 1200 dpi x 1200 dpi |
| | PCL 5e/6 | 2400 dpi equivalent x 600 dpi |
| Compatible OS | UFRII LT | Windows® 98/Me/2000/XP/Server 2003/Vista |
| | PCL 5e/6 | Windows® 98/Me/2000/XP/Server 2003/Vista |
| Protocols Supported | TCP/IP | |
| Network Interface | 10Base-T/100Base-TX (RJ-45), USB 2.0 | |

| Super G3 Fax Feature* | |
|--------------------------------------|---|
| Telephone Line Used/ Number of Lines | Public Switched Telephone Network, 1 line |
| Transmission Speed | Super G3: 33.6 kbps, G3: 14.4 kbps |
| Compression Method | MH, MR, MMR, JBIG |
| Receiving Paper Sizes | A3, B4, A4, A4R, B5, B5R, A5, A5R |
| Auto Dial Function | Address Book: total 200 destinations |
| Image Memory | Approximately 1,000 pages |

| Duplex Automatic Document Feeder - P2* | |
|--|---|
| Acceptable Originals | A3, B4, A4, A4R, B5, B5R, A5, A5R |
| Original Paper Weight | 52 g/m ² to 105 g/m ² |
| Original Tray Capacity | 50 sheets (A4/A4R/B5/B5R/A5/A5R, 80 g/m ²) 25 sheets (A3/B4, 80 g/m ²) |
| Dimensions (W x D x H) | 565 mm x 489.4 mm x 122 mm |

| Duplex Unit - B1* | |
|------------------------|-------------------------------|
| Paper Size | A3, B4, A4, A4R, B5, B5R, A5R |
| Paper Weight | 64 to 90 g/m ² |
| Dimensions (W x D x H) | 437.2 mm x 448 mm x 378.3 mm |

| Cassette Feeding Module - Q1* | |
|-------------------------------|---|
| Acceptable Originals | A3, B4, A4, A4R, B5, B5R, A5 |
| Paper Capacity | 250 sheets x 2 drawers (80 g/m ²) |
| Dimensions (W x D x H) | 580.3 mm x 569.3 mm x 201.8 mm |

| Finisher - U2* | | |
|--|--|---------------------------|
| Paper Weight | 64 to 128 g/m ² | |
| Capacity Per Tray | Non-collate | 770 sheets (A4/B5/A5/A5R) |
| | Collate mode | 770 sheets (A4/B5) |
| | Staple mode | 30 sets (A4/B5) |
| Additional Finisher Tray-C1* is attached | Non-collate | 200 sheets (A4/B5/A5/A5R) |
| | Collate mode | 200 sheets (A4/B5) |
| | Staple mode | 30 sets (A4/B5) |
| Max. Stapling Capacity | A4/B5: 50 sheets (64 to 80 g/m ²) | |
| | A4R/B4/A3: 30 sheets (64 to 80 g/m ²) (Corner Staple only) | |
| Dimensions (W x D x H) | 480 mm x 520 mm x 300 mm | |

Other Options:

Card Reader - E1 and Card Reader Attachment - D2

Inner 2 Way Tray - E2

Barcode Printing Kit - B1*

Fax Panel - B1

* Optional

Require PCL Printer Kit - V1

Canon

imageRUNNER
iR2018N/2022N



Canon

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Designed to deliver the powerful performance and robust functionality that your business or office needs, the imageRUNNER 2018N/2022N digital imaging systems house Canon's innovative technologies to enhance your work environment, information security and document process efficiency.

When your office is powered by the imageRUNNER 2018N/2022N series devices, you are sure that you can accomplish high work efficiency without hassle, because they house superior digital copying and scanning, as well as advanced print engine technology and image processing capabilities. Also, they are positioned as a pragmatic and ideal solution to existing analog/digital copier placements. Successfully leveraging Canon's extensive experience and expertise on user networks, these two innovative devices incorporate powerful features that are tailored to drive enhanced productivity, throughput, and ease of use.

 **imageRUNNER**
iR2018N **imageRUNNER**
iR2022N

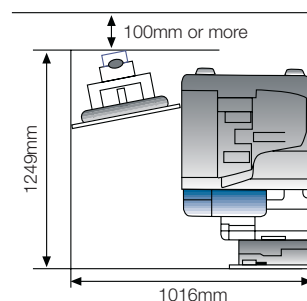
Providing sophisticated color-enabled networked digital imaging environment to complement your corporate and departmental needs

Product Outline



Space-saving design suits versatile workplaces easily

The new iR2018N/2022N feature a compact body design to suit every office environment. Also, the paper feeding and toner replacement are performed from the front so that paper jams can be handled without hassle from the left of the machine. This allows users to install the device against the corners and save space significantly.

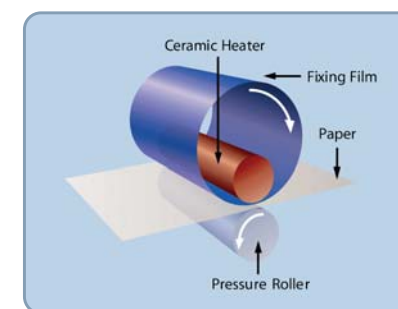


New Environment Sensor minimizes paper jams and prolongs drum life

In order to increase the ability of adaptation in a wide-ranging environment with different temperature and humidity, the iR2018N/2022N series is equipped with a newly added environment sensor. After the sensor detects the environment, the device changes the parameters of first charging current, developing bias, and temperature control (paper interval / fixing) to enable an optimal sequence for operation in the detected environment. As a result, it helps to reduce the occurrence of paper jam and extend the drum life by optimizing charge/development characteristics.

Higher energy saving is achieved by On-Demand Fixing Technology

With Canon's patented On-Demand Fixing method, the iR2018N/2022N feature higher energy efficiency, which reduces energy consumption and achieves faster warm-up time.



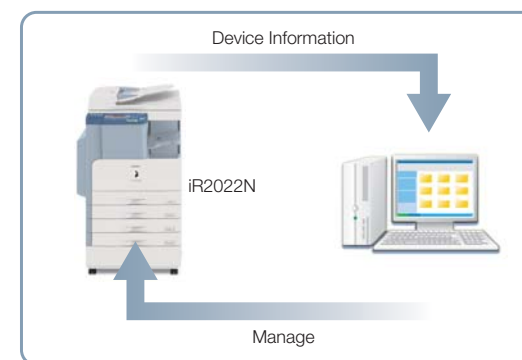
- On-demand Fixing Technology

Separated Toner and Drum design reduces operating costs

The new iR2018N/2022N feature a separated toner cartridge and drum unit design. This provides lower operating costs as the drum unit, usually has longer-lasting life, is not replaced each time when the toner is replenished.

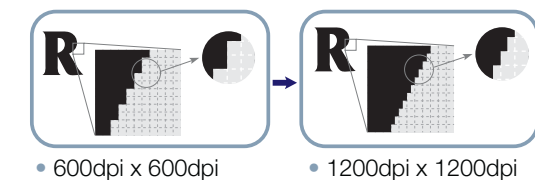
Sophisticated Network Interface enhances performance

You can connect the iR2018N/2022N to a network by using Ethernet so that you can enhance the performance with the use of the advanced utility software, e.g. Remote UI.



True 1200 x 1200 dpi resolution makes high printing quality

The iR2018N/2022N series achieves a very good printer environment with a high resolution at true 1200 x 1200 dpi. By utilizing Canon's newly invented Ultra Fast Rendering II LT (UFR II LT) printing technology, all devices can produce sharply fine lines, clearly text and faithfully halftones.



- 600dpi x 600dpi
- 1200dpi x 1200dpi

Set-on toner bottle design makes replacement process easy

Set-on toner bottles are designed for use with ease. You can replace the toner completely in seconds with clean process and no longer worry about any possible toner stains.



- Set-on Toner

IPv6 Logo Certification

The iR2018N/2022N series is certified with IPv6 Ready Logo Phase-1, as established by the IPv6 forum. IPv6 (Internet Protocol Version 6) is the "next generation" protocol designed by the IETF to replace the current Internet Protocol (IP) Version 4.



Copy

Copying function enables you to reduce paper costs with features like making two-sided copies from one-sided originals or reducing two originals to fit onto one side of paper. With the Finishing mode, the Copying function is ideal for creating materials for meetings.

Scan-Once-Print-Many technology raises copying efficiency significantly

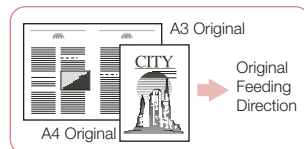
The Scan-Once-Print-Many technology helps to minimize repetitive scanning operations and increase reliability while ensuring consistent copy quality from the first set to the last. Furthermore, this technology helps to reduce the scanner wear by making copies from images stored in memory.

Copy reservation upholds automatic operation

To further boost copying productivity, the system begins to scan for a new job, even during the situation of busy printing. Therefore, this function allows walk-up users to program all settings and return to work immediately with no waiting time when the device is busy in printing and copying. Also, the new device is capable of holding 1,500 pages in memory, which increases productivity and efficiency as all jobs can be done automatically without hassle.

Different Size Originals enhances copying process

This new series also come with the Different Size Originals mode, enabling you to copy different size originals together as one group.



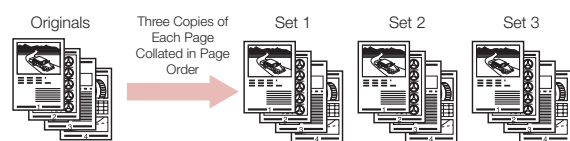
• Different Size Originals Mode

Collating Function

The Finishing modes can be selected to collate the copies in various ways, either by pages or by copy sets. With different optional units, you can select different finishing modes easily:

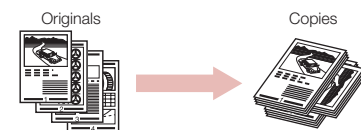
• Collate Mode

The copies are automatically collated into sets arranged in page order. The output is as follows:



• Rotate Collate Mode*

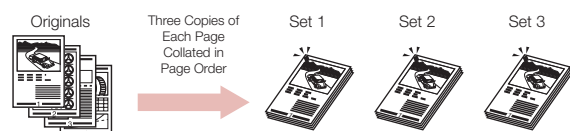
If the copies are of the same size, the sheets are automatically collated into sets arranged in page order, and are output in alternating portrait/landscape directions as follows:



* The Rotate Collate mode can be selected only if the optional Finisher-U2 is not attached.

• Staple Mode*

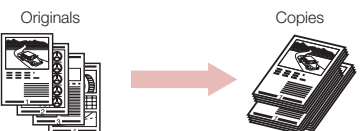
The copies are automatically collated into sets arranged in page order and stapled. The output is as follows:



* The Staple mode can be selected only if the device is equipped with the optional Finisher-U2.

• Offset Collate Mode*

The copies are automatically collated into sets arranged in page order and shifted to the front and back alternately:



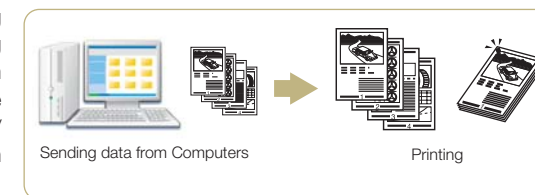
* The Offset mode can be selected only if the device is equipped with the optional Finisher-U2.

Print

Print function enables you to print on both sides of paper, output sets of printouts, and use other sophisticated features easily to print documents from a computer.

Ultra Fast Rendering II LT Technology achieves high performance

The iR2018N/iR2022N devices are built with the Ultra Fast Rendering II LT (UFR II LT) Technology, which utilizes Canon's original printing algorithm to minimize file processing and achieve maximum performance. Also, with integrated network print controller, the UFR II LT pages-description languages support Windows 98/Me/2000/XP/VISTA and Server 2003 operating systems with 10/100 BaseT Ethernet Connectivity for sharing network printing, as well as USB Ports for direct connection to personal computers.



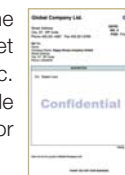
Easy-to-use Printer Driver operates different setting with ease

With a user-friendly interface, it is easy to operate different print settings with no hassle. Through simple point and click operation, the intuitive UFR II LT print driver screens quickly guide users through job programming with complete access to all supported sources, duplexing, image manipulation features, and collating/finishing modes.



Watermark printing is available with editing feature

The iR2018N/2022N devices enable you to print the document with a watermark on it. A certain preset stamps are offered such as Confidential, Draft etc. You may also set the watermark position and decide whether to print the watermark in the cover only or in all pages.



Furthermore, you can easily edit the watermark position, change the direction and create an original watermark.



• Edit Watermark

PCL5e and PCL6* are supported

With installation of the optional PCL Printer Kit, the iR2018N/2022N can work as an emulation printer that features PCL5e and PCL6 printer languages. This enables the printer to work with a wide variety of software applications that support PCL.

* To use with PCL5e and PCL6 printer languages, the optional PCL Printer Kit is required.

Barcode Printing* supports over 50 formats

Barcode Printing Software will support more than 50 barcode formats, as well as the EURO symbol (the European currency symbol), safety symbols, electronic, and manufacturing symbols. It also features the FreeScape system, which allows the host to use PCL even if it cannot send binary data to a printer.



* To use barcode printing function, the optional Barcode Printing Kit and PCL Printer Kit is required.

Network Scan

Offering a high speed processing for black-and-white as well as color documents with a maximum of 600dpi, the imageRUNNER 2018N/2022N incorporate outstanding Network Color Scanning capabilities, which are ideal devices for small businesses and workgroups with light scanning requirements.

Network Color Scan adds value to your work

Canon's Color Network ScanGear software comes standard with the iR2018N/2022N models. With Network ScanGear, you can capture documents from the iR2018N/2022N's platen glass or DADF for transmission over the network, back to desktop, or to a file server. Scanned images can then be manipulated as different file formats at the user's workstation using any 32-bit TWAIN compliant software application. Network ScanGear is user-friendly and is a great tool for small businesses and workgroups with light scanning requirements.



• Scan image up to A3 in size at a resolution of 600 x 600 dpi.

Fax

This function enables you to fax scanned documents, and to send them to multiple destinations at one time.

Super G3 fax technology speeds up transmission

The iR2018N/2022N can be equipped with the optional Super G3 33.6Kbps Fax Board-AA1 (1 line) to handle all fax volumes and serve as a true multi function solution to small offices with copy/print/fax needs. For communications with customers and vendors outside the network, fax remains a reliable way to send data directly from Point A to Point B. The iR2018N/2022N can transmit pages as fast as three seconds per page using the Super G3. Moreover, the transmission can be faster when using JBIG compression. This also keeps fax transmission costs to an absolute minimum.



Memory and Direct Sending facilitates the process of fax

The iR2018N/2022N come standard with 128MB RAM and can store up to total 200 destinations including 60 numbers through One-Touch keys. With Memory Sending, all of the originals are first scanned into memory before the start of transmission. The iR2018N/2022N share a portion of their image server memory with the fax function. This allows you to return to other tasks while completing the job. Up to 1,000 pages of fax data can be stored at each device, ensuring that jobs will not be split or cancelled due to memory overflow conditions. Also, pressing the Direct TX hard key will bypass scanning originals into memory.



• Ease-to-use Fax Panel

PC Fax makes paperless fax possible

Featuring convenient PC fax, you can operate the Canon Fax Driver to fax documents directly from your PC for ultimate efficiency. PC faxing enhances user productivity and eliminates unnecessary printing of the document only required for hard-copy scanning.



Select [Print] from the file menu → select the fax driver → press [OK]

After entering the destination, press [Add to Recipient List].

Department ID Management prohibits unauthorized access

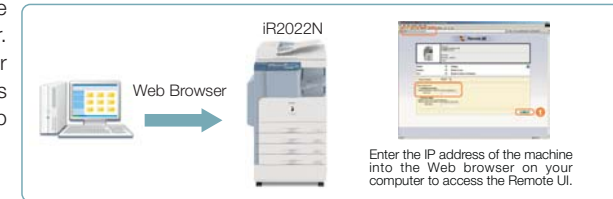
You can protect the device from unauthorized access by setting Department IDs and passwords. These Department IDs and passwords restrict sending and copying operations from the device. By registering a Department ID and password for each department, you can manage the device by limiting its use to only those who enter the correct Department ID and password. Up to 1,000 department IDs and passwords can be registered, so that you can easily use the Department ID Management to keep track of the copy, scan, and print totals for each department.

Card Reader-E1 improves corporate network security

The optional Card Reader-E1 makes it possible to use Department ID Management more easily and efficiently. Through the use of magnetic cards, this user authentication method enhances your corporate network security by restricting access to device functions without a card. The Card Reader-E1 enables you to use the LCD display to check the print totals and the remaining number of pages that can be printed.

Remote User Interface provides better device control

Remote UI provides remote access and device management via a standard Web browser. You can control device functions from your computer's Web browser easily, such as confirming the status of the device and job operations.



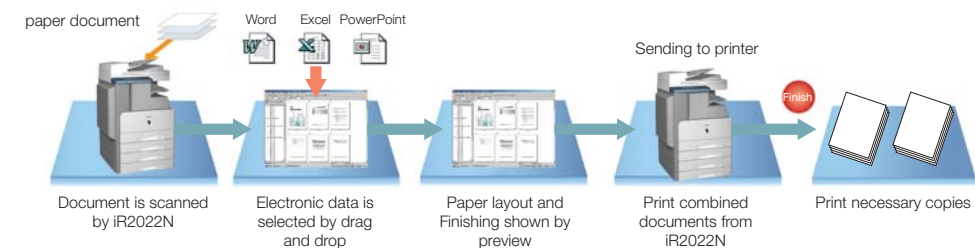
Enter the IP address of the machine into the Web browser on your computer to access the Remote UI.

imageWARE Document Manager* increases your office productivity

Canon imageWARE Document Manager is a central database application that provides easy-to-use tools for basic imaging, electric archiving, and advanced document retrieval techniques. Your documents can be organized, edited, updated, distributed, or shared. This enables you to completely control over all documents, helping you to run your business more efficiently, smoothly and economically.

imageWARE Publishing Manager* facilitates layout design and customized printing

Canon imageWARE Publishing Manager is an ascendant office Print-On-Demand software application designed for general office use. Documents with different application formats, such as Microsoft Word, Excel and PowerPoint, can be merged for a variety of page layout and finishing settings. With variable printing, imageWARE Publishing Manager delivers the most cost-effective and powerful one-to-one marketing.



* imageWARE Document Manager and Publishing Manager are sold separately.

ACCESSORIES

Environment

INPUT



DADF - P2

- Originals placed in the feeder are automatically fed sheet by sheet to the scanning area of the platen glass. The feeder also automatically turns over two-sided originals to make one- or two-sided copies.



Platen Cover J (standard)

- It secures the originals placed on the platen glass.



Duplex Unit - B1

- It enables you to use the 2-sided mode for copying or printing.

OUTPUT



Inner 2 way Tray - E2

- It offers two output trays for use in versatile office environments.



Cassette Feeding Unit - Q1

- It provides two additional sources of paper for printing. Each paper drawer holds up to 250 sheets of paper (80 g/m²).

FINISHING



Finisher - U2

- It is equipped with the features of Collate, Group, Offset and Staple (Corner).



Additional Finisher Tray - C1

- It can be attached to the optional Finisher-U2 to provide an additional paper output tray.

Green materials are used for better environmental protection

All the interior parts of imageRUNNER models are carefully and subtly designed to provide better environmental protection. Canon's roller charging technology enables ozone-free printing. Besides the use of lead-free solders for joining electronic components, lead is also eliminated from each electronic parts terminal, wire coating, as well as glass of lenses. Also, chrome-free steel plates and screws are used for the frame and other parts.

Compliance with RoHS

The iR2018N/2022N are based on RoHS standards to considerably reduce the use of poisonous substance in the entire manufacturing process. As a result, all devices are 100% made from lead-free materials. Hazardous substances, such as hexavalent chromium, mercury, cadmium, and bromine-based flame retardants like PBB (polybrominated biphenyl) and PBDE (polybrominated biphenyl ether), have been completely removed.

Compliant with International Energy Star Program

All imageRUNNER models comply with International Energy Star Standard for energy efficiency. The International Energy Star Office Equipment Program is an international program that promotes energy saving through the use of computers and other office equipment. Thus, the imageRUNNER models are proved to provide functions that effectively reduce energy consumption.



Sleep Mode helps to save energy

The new iR2018N/2022N series incorporates an energy saver feature to conserve power called the Sleep mode. The Sleep mode conserves energy by lowering the temperature of the fixing unit when the device is not used for a long period of time. You can set the device to enter the Sleep mode manually by pressing the control panel power switch. Also, you may specify the amount of time that should be taken before the device automatically enters the Sleep mode.

