imageRUNNER
1643iF / 1643i

Canon

Delighting You Always

The new imageRUNNER 1643iF & 1643i

HIGH IN PRODUCTIVITY
COMPACT IN SIZE

- Print 43 ppm
- 5-inch Touch Panel
- Feed up to 2,300 sheets
- Compact Footprint

Business Can Be Simple

Higher productivity with enhanced smart touch panel

Productivity
- ✓ High-speed printing of 43 ppm
- ✓ 2-sided scanning capability with up to 70 ppm
- ✓ High-capacity paper feed of up to 2,300 sheets
- ✓ Rich media support including A5 & A6 paper sizes

Usability
- ✓ 5-inch colour touch panel
- ✓ One-touch execution for convenience
- ✓ Small footprint for desktop configuration
- ✓ Function customisation for different types of verticals

Security & Mobility
- ✓ Protection from information leakages and external attacks
- ✓ Operate MFD with mobile wirelessly
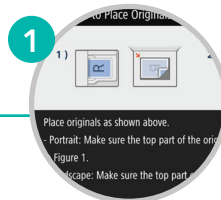- ✓ Reduce risk of information leakages with authentication

Bringing security to the next level

imageRUNNER 1643i series comes equipped with TLS encrypted communication, IPSec communication as well as IEEE 802.1X to enhance network security and device protection through system verification.

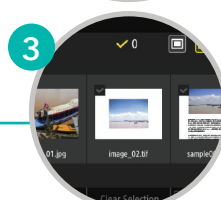# Better visibility & operability with 5-inch colour Touch Panel

1 **Illustration display**
- Easy navigation of functions through visual guides displayed on the touch panel.

2 **On-screen keyboard**
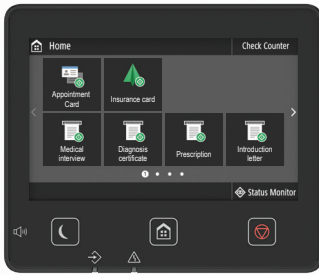- Greater convenience when entering texts.

3 **Thumbnail preview**
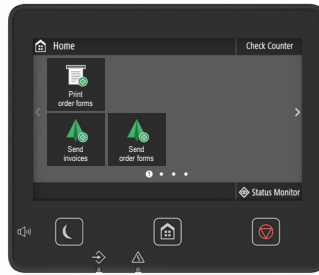- To ensure the correct files are chosen to reduce paper wastage.

Improve work efficiency with one-touch solutions from Application Library

Save time and improve work efficiency by automating routine tasks with customisable buttons, allowing various tasks to be executed with just a click of a button.

For Hospitals / Clinics

- Photocopy appointment cards.
- Save copies of health insurance cards.
- Retrieve prescription and medical referral letter.

For Retail Stores

- Print order forms.
- Send invoices to customers.
- Send order forms via email.

For Small Offices

- Send to shared folders.
- Display bulletin board in screen saver mode.
- Send reports to head office via email.

Easily digitise documents for quicker archiving & space saving

Searchable PDF function
- Canon's technology processes the scanned file with its OCR function, recognises the text in the file and makes it text-searchable.

Compact PDF files
- Scans texts and photos in high quality while keeping the file size small in high compression mode.
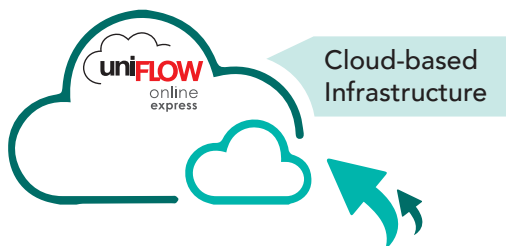
Send function
- Send to multiple destinations such as email or network folder.

Cloud-based print management solution

- Provides print, copy, scan and fax usage reports.
- Offers greater usage and print optimisation through reporting and usage analytics.

uniFLOW online express

Cloud-based Infrastructure

Track Print, Scan and Copy costs

SPECIFICATIONS

Main unit		iR1643iF	iR1643i
Machine type		Monochrome A4 Laser Multifunctional	
Core functions		iR1643iF: Print, Copy, Scan, Send and Fax iR1643i: Print, Copy, Scan and Send	
Control panel		12.7 cm (5-inch) TFT LCD WVGA Colour Touch panel	
Memory		Standard: 1GB RAM	
Interface connection	Network	1000Base-T / 100Base-TX / 10Base-T, Wireless LAN (IEEE802.11 b / g / n), Wi-Fi Direct Connection, NFC	1000Base-T / 100Base-TX / 10Base-T, Wireless LAN (IEEE802.11 b / g / n), Wi-Fi Direct Connection
	Others	USB 2.0 (Host) x2, USB 2.0 (Device) x1	
Memory media		USB Memory	
Network security		IP / Mac Address Filtering, IPSec, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP	
Document security		Secure Print, Encrypted PDF, Device Signature PDF	
Paper supply capacity (A4, 80gsm)	Standard	Paper Cassette: 550 sheets Multi-purpose tray: 100 sheets	
	Maximum	2,300 sheets (with PAPER FEEDER PF-C1x3)	
Paper output capacity (A4, 80gsm)		150 sheets	
Toner (Estimated yield @ 5% coverage)		Toner T06 Black: 20,500 impressions (A4)	
Supported media sizes	Upper cassette 1	Standard size: A4, B5, A5, A5R, A6 Custom size: Minimum 105 x 148 mm up to 216 x 355.6 mm	
	Multi-purpose tray	Standard size: A4, B5, A5, A5R, A6, Index Card, Envelopes [No. 10 (COM 10), Monarch, ISO-C5, DL] Custom size: Minimum 76.2 x 127 mm up to 216 x 355.6 mm	
Supported media weights	Upper cassette 1	60 to 120 gsm	
	Multi-purpose tray	60 to 199 gsm	
	Duplex	60 to 120 gsm	
Warm-up time		From power on: 14 seconds or less* *Time from device power-on until copy ready (not print reservation) From sleep mode: 4 seconds or less	
Dimensions (W x D x H)		494 x 595 x 452 mm (with the multi-purpose tray extended)	480 x 595 x 452 mm (with the multi-purpose tray extended)
Installation space (W x D)		708 x 1,105 mm (with cassette open + 100 mm gap around the main body)	694 x 1,105 mm (with cassette open + 100 mm gap around the main body)
Weight		Approximately 19 kg without toner	

Print specifications

Print speed (BW)		43 ppm (A4)
Print resolution (dpi)		600 × 600
Page description languages	Standard	UFR II, PCL6, PCL5, Adobe® PostScript® 3™ / UFR II, PCL6, PCL5
	Optional	Adobe® PostScript® 3™
Direct print		Direct printing available from USB memory and LPR Supported file types: TIFF, JPEG, PDF and XPS (only LPR)
Fonts		PCL fonts: 93 Roman PS fonts: 136 Roman
Operating system (UFR II / PCL / PS)		Windows® 7 / 8.1 / 10 / Server 2008 / Server 2008 R2 / Server 2012 / Server 2012 R2 / Server 2016, Mac OS X (10.9 or later)

Copy specifications

Copy specifications	iR1643iF	iR1643i
Copy speed	43 ppm (A4)	
First-copy-out time (BW)	Platen: Approximately 6.3 seconds or less ADF: Approximately 6.4 seconds or less	
Copy resolution (dpi)	Reading: 600 x 600 Printing: 600 x 600	
Multiple copies	Up to 999 copies	
Magnification	25% - 400% (1% increment)	
Preset reductions	25%, 50%, 70%, 81%, 86%	
Preset enlargements	115%, 122%, 141%, 200%, 400%	

Scan specifications

Document feeder type (A4, 80gsm)	1 PDS
Paper capacity	A4: 50 sheets (80 gsm)
Supported media sizes	Standard size: A4R, B5R, A5R, A6R Custom size: 105 × 128 mm to 215.9 × 355.6 mm
Scan speed (ipm: BW / Colour; A4)	Copy: 1-sided Scanning: 20 2-sided Scanning: 34 Send: 1-sided Scanning (BW / Colour): 38 / 13 2-sided Scanning (BW / Colour): 70 / 26
Scan resolution (dpi)	Copy: 600 x 600 Send: (Push, Pull) up to 600 x 600 Fax: up to 600 x 600
Pull scan specifications	ScanGear MF for both TWAIN and WIA

Send specifications

Destination	Email / I-Fax (SMTP), SMB, FTP
Address book	LDAP (50) / Local (300) / One touch (281)
Send resolution (dpi)	Push: 196 x 204 (I-Fax), 300 x 300 (Email / SMB / FTP) Pull: Max. 9,600 x 9,600
Communication protocol	File: FTP, SMB Email / I-Fax: SMTP, POP3, I-Fax (Simple)
File format	TIFF, JPEG, PDF (Compact, searchable, encrypted, digital signature)

Fax specifications

Fax specifications	iR1643iF	iR1643i
Maximum number of connection lines	1	N/A
Modem speed	Super G3: 33.6 kbps G3: 14.4 kbps	N/A
Compression method	MH, MR, MMR, JBIG	N/A
Resolution (dpi)	400 x 400 (Ultrafine), 200 x 400 (Superfine), 200 x 200 (Fine / Photo), 200 x 100 (Normal)	N/A
FAX memory	Up to 512 pages	N/A
One touch	Max. 281	N/A
Group dials	Max. 299	N/A
Sequential broadcast	Max. 310 addresses	N/A

Environmental specifications

Power source	AC220-240V: 3.9A, 50 / 60Hz
Power consumption	Maximum: Approx. 1,420W or less

Paper supply options

PAPER FEEDER PF-C1	Paper capacity: 550 sheets (80 gsm) Paper size: A4, B5, A5, A5R, A6 Custom size: 105 x 148 mm to 216 x 355.6 mm Dimensions (W x D x H): 480 x 464 x 842* mm (*attached to the main unit) Weight: Approximately 4.0 kg

Other optional accessories

COPY CARD READER-F1, PS PRT KIT-CB1 AS, BARCODE PRT KIT-E1, CONTROL I/F KIT-C1

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DEALER'S STAMP