Canon

LASER CLASS. 700 SERIES

INTERNET FACSIMILE SYSTEMS

LASER CLASS® 730i

LASER CLASS® 720i

LASER CLASS® 710

Internet Faxing
Network Scanning
Super G3 Faxing
PC Faxing
Local Printing
Network Printing

Fax machines are perhaps the most reliable, commonplace business tools next to the telephone in your office. The Internet and corporate intranets have given you new ways to access and share information, yet these two mediums have traditionally operated in parallel. Until today.

Canon, the market leader in laser facsimile solutions presents the LASER CLASS® 700 Series. Three cost-effective, compact, high-quality Internet Facsimile Systems that bridge the gap between your telephone and data network lines. Taking advantage of Canon's state-of-the-art technology, the LASER CLASS 700 Series provides true multifunctionality, delivering crisp 1200-dpi, 19-page-per-minute printing, Super G3 Faxing, and Internet faxing in a totally integrated communications solution.

Simply connect to your network and send documents as E-mail attachments anywhere, anytime, to anyone and everyone as an I-fax. Every document arrives instantaneously and simultaneously at every destination. And here's the best part: it's virtually free. Maximize your networking investment and send documents via the Internet. Eliminate per-call charges and busy signals, and lower your cost of communications.

Once connected, you can do more, so much more–like local and network printing at 19 ppm, PC faxing, scanning, and of course, convenience copying. With the Canon LASER CLASS 700 Series, every member of your workgroup can access an easy-to-use, centralized communications device that increases productivity, elevates the distribution of information to light speed, and reduces costs. The Canon LASER CLASS 700 Series Internet Facsimile Systems, a new standard in facsimile communications.

LASER CLASS 730i

The flagship of Canon's LASER CLASS 700 Series Internet Facsimile Systems, the LASER CLASS 730i does it all. Offering a powerful combination of Internet faxing, 33.6 Kbps Super G3 Faxing, PC faxing, plus local and network duplex printing, network scanning, and convenience copying capabilities as standard, it's the one multifunction device that can handle your every need. Easy to connect and easy to use, the LASER CLASS 730i provides Parallel and USB ports for local printing, and a 10/100Base-T Ethernet interface for network printing, scanning, and faxing. Every Windows® user can take advantage of its productive 19-ppm speed and outstanding 1200-dpi resolution for every job.

The LASER CLASS 730i features up to 1,500 pages, or 40MB, of standard page memory, 35 scans per minute, a 70-page* face-up document feeder, and full Dual Access, so you can put the most robust communication tool to work in your office, right out of the box. Add a 500-sheet Paper Cassette to the standard 3-way, 600-sheet paper supply and optional Dual Line faxing, and raise your office productivity to new heights. The LASER CLASS 730i also delivers:

- M-TIFF and PDF file format support for Internet Faxing and Network Scanning
- Automatic inbound routing of faxes to the desktop by sub-address, telephone number, and E-mail
- Up to 1,500 pages of memory (40MB)
- Versatile 1,100-sheet maximum letter/legal paper capacity through 4 sources
- 10"-wide effective scanning width for faxing 11" x 17" documents
- Support for Canon imageWARE™—create and manage digital document databases
- Support for Canon's Remote User Interface (UI)—access and control the unit using a standard Web browser
- Support for Canon's NetSpot® Suite—easy device installation, status monitoring, and network management
- Convenience Copying with up to 99 copies per job
- 200 Speed- /Group-dials, Soft Counter, Confidential Mail Box, Broadcasting, and more
- Up to 3-hour Battery Backup
- FX7 Cartridge is included, yielding up to 4,500 prints at 5% image coverage
- 20,000-impression-per-month duty cycle to keep pace with busy environments

* 15-27.5°C, 20-80% RH, 20 lb. < 120 μm

LASER CLASS 700 SERIES

FEATURE COMPARISON CHART	LASER CLASS® 730i	LASER CLASS® 720i	LASER CLASS® 710
MODEM SPEED	Super G3 33.6 Kbps	Super G3 33.6 Kbps	Super G3 33.6 Kbps
AUTOMATIC DOCUMENT FEEDER	70 Sheets, Face-up*	70 Sheets, Face-up*	70 Sheets, Face-up*
ORIGINAL SCANNING SPEED	35 Scans/Min. (1.1 Sec./Pg.)	35 Scans/Min. (1.1 Sec./Pg.)	35 Scans/Min. (1.1 Sec./Pg.)
STANDARD FAX MEMORY	Up to 1,500 Pages (40MB)	Up to 510 Pages (8MB)	Up to 510 Pages (8MB)
MAXIMUM FAX MEMORY	Up to 1,500 Pages (40MB)	Up to 1,500 Pages (40MB)	Up to 1,500 Pages (40MB)
STANDARD PAPER CAPACITY	250 + 250 + 100	250 + 100	250 + 250 + 100
MAXIMUM PAPER CAPACITY	1,100 Sheets	1,100 Sheets	1,100 Sheets
33.6 Kbps DUAL LINE	Optional	Optional	Optional
PRINT SPEED	19 Pages per Minute	19 Pages per Minute	19 Pages per Minute
OUTPUT RESOLUTION	1200 dpi at 19 ppm	1200 dpi at 19 ppm	1200 dpi at 19 ppm
DUPLEX PRINTING	Standard (Print Jobs)	Standard (Print Jobs)	Optional (Print Jobs)
LOCAL PRINTING	Standard	Standard	Optional
NETWORK PRINTING	Standard	Standard	Optional
PC FAXING	Standard	Standard	Optional
INTERNET FAXING	Standard	Standard	Optional
I-fax FILE FORMATS	M-TIFF, PDF	M-TIFF, PDF	M-TIFF, PDF
NETWORK SCANNING	Standard	Standard	Optional
CONVENIENCE COPYING	Up to 99 Copies	Up to 99 Copies	Up to 99 Copies
COLLATED OUTPUT	Yes, Face-down	Yes, Face-down	Yes, Face-down
EFFECTIVE SCANNING WIDTH	10 Inches	8.4 Inches	10 Inches
BATTERY BACKUP	Up to 3 Hours	Up to 12 Hours**	Up to 12 Hours**
NetSpot SUITE	Standard***	Standard***	Optional
imageWARE	Optional	Optional	Optional

- The Printer Kit III; standard on the LASER CLASS 720i and 730i models, optional on the LASER CLASS 710; enables local printing via IEEE 1284 Parallel and USB interfaces, plus duplex printing capability.
- The Network Kit III; standard on the LASER CLASS 720i and 730i models, optional on the LASER CLASS 710; enables Internet faxing, network printing, and scan to E-mail capabilities via a 10/100Base-T interface, in addition to the functions enabled by the Printer Kit III.

Note: Installation of the Printer Kit III is required for installation of the Network Kit III.
 * 15-27.5˚C, 20-80% RH, 20 lb., <120 µm
 ** When the system is configured with 40MB memory, battery backup is reduced to three hours.
*** The Canon NetSpot Accountant module is available as an option.

The LASER CLASS 700 Series with maximum paper capacity of 1,100 sheets.

The FX7 Cartridge produces up to 4,500 prints at 5% image coverage, and makes maintenance a snap.

The user-friendly control panel makes all functions easily accessible.

LASER CLASS 720i

The LASER CLASS 720i is an ideal choice when you require standard Internet faxing, PC faxing, Super G3 Faxing, local and network printing and scanning capabilities for lower volume environments. Its standard complement of 8MB (up to 510 pages) memory and 350-sheet letter/legal paper supply provide ample capacity for workgroup faxing and printing needs.

Like the LASER CLASS 730i, this model offers 3-second-per-page transmission speed,* a 70-sheet** document feeder with 1.1 second/page scanning, and 19-ppm, 1200-dpi laser output. Its 8.4" maximum effective scanning width is perfect for every-day scanning and faxing applications, while the Dual Line option gives you twice the faxing power to keep pace with your business. The LASER CLASS 720i also gives you:

- M-TIFF and PDF file format support for Internet Faxing and Network Scanning
- Automatic inbound routing of faxes to the desktop by sub-address, telephone number, and E-mail
- Full Dual Access
- Duplex Printing for local and network print jobs
- Face-down, print-in-order collation
- Soft Counter to track print jobs, inbound faxes, and copies
- 200-dpi Internet fax resolution
- Standard memory up to 510 pages, maximum 1,500 pages

- 400-dpi E-mail resolution
- Support for Canon imageWARE—create and manage digital document databases
- Support for Canon's Remote User Interface (UI)—access and control the unit using a standard Web browser
- Support for Canon's NetSpot Suite—easy device installation, status monitoring, and network management
- 200 Speed- /Group-dials, Confidential Mail Box, Broadcasting, and more
- 12-hour Battery Backup***
- FX7 Cartridge is included, yielding up to 4,500 prints at 5% image coverage
- 20,000-impression-per-month duty cycle to keep pace with busy environments

* Approximate 3 second-per-page fax transmission time based on ITU-T No. 1 Chart (JBIG, Standard Mode) at 33.6 Kbps modem speed when transmitting to another V.34 machine. The Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or lower, depending on telephone line conditions.

** 15-27.5°C, 20-80% RH, 20 lb. < 120 μm

*** When the system is configured with 40MB memory, battery backup is reduced to 3 hours maximum.

LASER CLASS 710

The LASER CLASS 710 is a high-performance, high-speed Super G3 Fax. Featuring a 3-second-per-page transmission speed,* a 70-sheet** document feeder with 1.1 second/page scanning, and 19-ppm, 1200-dpi laser output, the LASER CLASS 710 gives you all the faxing power you need today, with the opportunity to easily upgrade your capabilities tomorrow.

Leverage your investment in Canon's industry-leading fax technology by enabling optional local Parallel and USB printing capabilities with the Printer Kit III. Or, raise the bar to full multifunctionality and give everyone in your office the ability to print, scan, and fax right from their desktops with the optional Network Kit III. Even add optional memory and paper capacity as you see fit, and design the configuration that offers the most value for your office. And like the LASER CLASS 720i/730i, the base LASER CLASS 710 provides:

- Automatic inbound routing of faxes to the desktop by Sub-address, telephone number, and E-mail (when configured with the optional Printer Kit III and Network Kit III)
- Full Dual Access
- Face-down, print-in-order collation
- 250 + 250 + 100-sheet letter/legal paper supply, expandable to 1,100 total sheets
- Up to 510 pages of 8MB standard page memory, expandable to 40MB (1,500 pages)
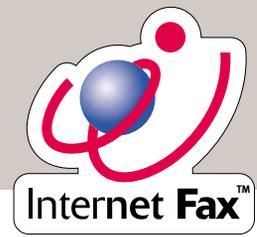- 10"-wide effective scanning width for faxing 11" x 17" documents

- Support for Canon's imageWARE software, Remote User Interface (UI), and NetSpot Suite when connected to the network
- Convenience Copying with up to 99 copies per job
- 200 Speed- /Group-dials, Soft Counter, Confidential Mail Box, Broadcasting, and more
- Up to 12-hour Battery Backup***
- FX7 Cartridge is included, yielding up to 4,500 prints at 5% image coverage
- Optional 33.6 Kbps Dual Line Option to give twice the faxing capability—send or receive two faxes at once, or send and receive faxes at the same time
- 20,000-impression-per-month duty cycle to keep pace with busy environments

* Approximate 3 second-per-page fax transmission time based on ITU-T No. 1 Chart (JBIG, Standard Mode) at 33.6 Kbps modem speed when transmitting to another V.34 machine. The Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or lower, depending on telephone line conditions.

** 15-27.5°C, 20-80% RH, 20 lb. < 120 μm

*** When the system is configured with 40MB memory, battery backup is reduced to 3 hours maximum.
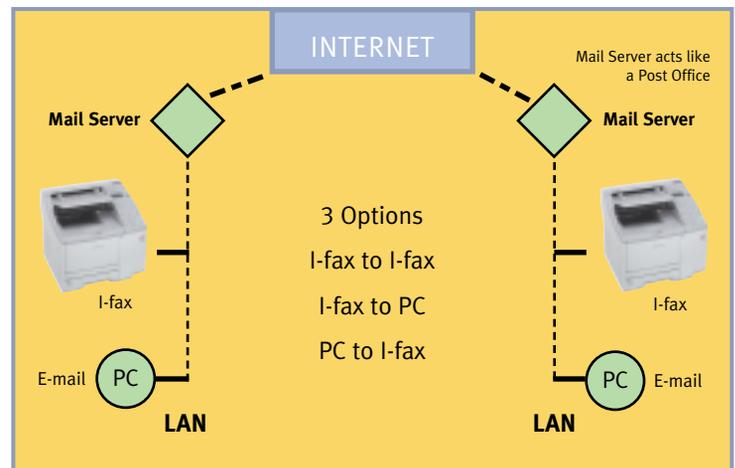
WHAT IS INTERNET FAXING?

Internet-enabled fax machines plug into your existing data network. They convert scanned documents into file formats that are easily transported over the Internet or your company intranet, sending data to E-mail address destinations or other I-fax-capable machines. Internet Faxing bypasses the public switched telephone network and offers many advantages for your business:

- Lowers your cost of communications by eliminating per-call charges for each transmission—especially for long-distance and international calls.
- Allows for the simultaneous and instantaneous distribution of information to all recipients. Data is transmitted to all recipients at once, at the maximum speed of your network—not the telephone line—eliminating delays associated with sequential broadcast technology.
- Maintains image quality and document integrity through end-to-end digital transmission. Your faxes are impervious to distortion from static and line noise, so resolution is never compromised.
- Increases productivity by eliminating busy signals and rescanning tasks—every fax gets through the first time, every time.
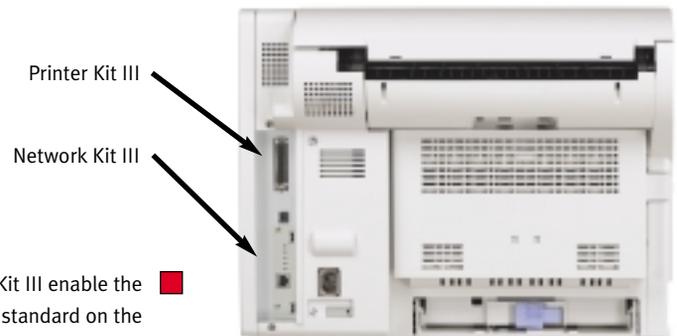
The Canon LASER CLASS 700 Series utilizes the ITU-T.37 standard for Internet Fax transmissions. Similar to the standards for corporate E-mail systems, this makes I-fax technology easy to use and instantly familiar to your employees. The T.37 "store and forward" process relays a fax transmission from an originating device to an IP fax gateway. The data is then sent to a receiving device, either another I-fax unit or your PC's E-mail inbox through mail servers. Store and forward Internet Faxing works essentially the same as sending an E-mail with an attachment. From a user's perspective, it is little different from traditional G3 Fax technology.

The G3 format is replaced as a PDF or M-TIFF file that is basically a snapshot of the original document. The file is then sent using network data lines. Because the Canon LASER CLASS 700 Series offers both I-fax and Super G3 sending, total communications flexibility is at your fingertips, allowing you to:

- Send a fax to an E-mail address
- Receive E-mail from an E-mail address
- Receive a G3 Fax and forward it to E-mail
- Receive an I-fax and forward it to a G3 Fax
- Scan images to E-mail

INTERNET

Mail Server acts like a Post Office

Mail Server

Mail Server

I-fax

I-fax

3 Options
I-fax to I-fax
I-fax to PC
PC to I-fax

E-mail   PC

PC   E-mail

LAN

LAN

■ Standard 250-sheet front-loading, user-adjustable paper cassettes are complemented by a 100-sheet Multi-Purpose Tray. Add an optional 500-sheet cassette for maximum printing productivity.

Printer Kit III

Network Kit III

The installation of Printer Kit III and Network Kit III enable the Internet Fax function. These boards are standard on the LASER CLASS 730i/720i and optional on the LASER CLASS 710. ■

LASER CLASS 700 SERIES SPECIFICATIONS

Type: Desktop Transceiver
Applicable Line: Public Switched Telephone Network
Compatibility: G3
Automatic
Document Feeder: Up to 70 Letter-sized Sheets*
Up to 30 Legal-sized Sheets*
Up to 30 Ledger-sized Sheets*
Scanning Method: Contact Image Sensor
Document Sizes: Maximum: 11" x 39.4" (279mm x 1,000mm)
Minimum: 5.8" x 5" (148mm x 128mm)

Effective Scanning Width
LASER CLASS 710/730i: 10" (254mm)
LASER CLASS 720i: 8.43" (214mm)
InstaScan: Approx. 1.1 Sec./Page (LTR, Standard Mode)
Approx. 35 Scans/Min. (LTR, Standard Mode)
Data Compression System: MH, MR, MMR, JBIG**
Modem Speed: 33.6/31.2/28.8/26.4/24/21.6/19.2/16.8/14.4/12/9.6/7.2/4.8/2.4 Kbps
Automatic Fallback
Transmission Speed: Approx. 3 Sec./Page*** (V.34/33.6 Kbps + JBIG)
Printing Method: Laser Dry Electrostatic Transfer
Printing Speed: Approx. 19 Pages/Min. (LTR)
Halftone: 256 Shades of Gray

TX/RX Resolution

	Horizontal		Vertical
Ultra Fine Mode	406 pels/in.	x	391 lines/in.
	(16 pels/mm	x	15.4 lines/mm)
Super Fine Mode:	203 pels/in.	x	391 lines/in.
	(8 pels/mm	x	15.4 lines/mm)
Fine Mode:	203 pels/in.	x	196 lines/in.
	(8 pels/mm	x	7.7 lines/mm)
Standard Mode:	203 pels/in.	x	98 lines/in.
	(8 pels/mm	x	3.85 lines/mm)

Effective Recording Width: 8.2" (210mm)
Recording Paper Supply
LASER CLASS 710/730i: 600 Sheets: 2 x 250-sheet Adjustable Cassette,
100-sheet MP Tray, Optional 500-sheet Letter-sized Cassette.
LASER CLASS 720i: 350 Sheets: 1 x 250-sheet Adjustable Cassette,
100-sheet MP Tray, Optional 500-sheet Letter-sized Cassette + Optional
250-sheet Adjustable Cassette
Receiving Paper Tray: Face-down, Print-in-order: 250 Sheets
Recording Paper Size: Letter/Legal/A4
Enhanced Imaging Quality: UHQ™ (Ultra High Quality)
Enhanced Printing Quality: 1200-dpi Smoothing for Incoming Faxes
Printing Resolution: 1200 dpi x 1200 dpi
Printer Cartridge: FX7 Cartridge
Cartridge Yield: Approx. 4,500 Pages†
Power Consumption
Standby: Approx. 15W   Max: Approx. 980W
Energy Saver: 5W
Dimensions (H x W x D)
LASER CLASS 710, 730i:
Without Handset:
18-1/8" x 19-3/4" x 19-3/4"
(459mm x 499mm x 499mm)
With Handset:
18-1/8" x 22-1/2" x 19-3/4"
(459mm x 569mm x 499mm)
LASER CLASS 720i:
Without Handset:
15" x 19-3/4" x 19-3/4"
(379mm x 499mm x 499mm)
With Handset:
15" x 22-1/2" x 19-3/4"
(379mm x 569mm x 499mm)
Weight
(Excluding Handset Option)
LASER CLASS 710: Approx. 52 lb. 15oz. (24kg)
LASER CLASS 720i: Approx 48 lb. 8 oz. (22kg)
LASER CLASS 730i: Approx. 55 lb. 2oz (25kg)
Environmental Conditions
Temperature: 50°F - 90.5°F (10°C - 32.5°C)
Humidity: 20% - 80% RH
Dialing: Automatic Dialing
One-touch Speed-dialing: 72 Locations
Coded Speed-dialing: 128 Locations
Group-dialing: 199 Groups
Each Group Can Accommodate up to 199 Locations
Maximum Dial Digits: 120
Error Re-dialing
Manual Re-dialing
Dial Search
Energy Saver Key
Programmable Key

Send Feature: Standard on LASER CLASS 720i/730i
Optional on LASER CLASS 710; Super G3 is Standard
Sending Methods: E-mail, I-fax, Super G3 Fax
File Server (FTP)
Number of Addresses: 210
File Format: M-TIFF (MH/MR/MMR), PDF
Sending Resolution
Simple Mode: 200 dpi x 100 dpi, 200 dpi x 200 dpi,
E-mail Mode: 200 dpi x 100 dpi, 200 dpi x 200 dpi
200 dpi x 400 dpi, 400 dpi x 400 dpi
Networking: Delayed Transmission: Up to 210 Destinations and up to 70 Reservations
Memory Polling Transmission
Polling Reception
Multi-Polling: Up to 210 Locations
Delayed Polling: Up to 200 Locations
Up to 5 Designated Times per Speed-dial
Continuous Polling (SSSW)
Sequential Broadcast: Up to 210 Locations
(200 Pre-programmed Speed-dials)
Relay Broadcast: Up to 200 Locations
Relay Boxes: Up to 50
Delayed Relay Broadcast: Up to 5 Designated Times per Speed-dial
Relay Broadcast Command
Transmission to Confidential Mail Box
Confidential Mailbox: Up to 50 Boxes
Memory Transmission/Reception:
LASER CLASS 710/720i: (8MB) Up to 510 Pages (Standard)▲
One Open Slot, Optional 32MB for Total Capacity.
LASER CLASS 730i: (40MB) Up to 1,500 Pages
Receiving Restriction
Password and Sub-address (ITU-T STD)
Convenience: Auto Receive Reduction (70%~100%)
Dual Access
TX Reservation During RX
TX Reservation During Memory TX
Memory RX During Copy
Memory TX During Copy
Scan During Printing
Transmission Reservation: Up to 70 Reservations
LCD (Liquid Crystal Display): 20-digits x 2-line
Department Access Code: Up to 99 Codes
Local Copy Function: Multiple Copy up to 99 Pages
Program Buttons: up to 72
Memory Lock Reception
Battery Backup: Up to 12 Hours (LC 710/720i);
up to 3 hours (LC 730i)
RX Document Multiple Printout up to 99 Pages
RX Page Footer
Transfer Mode
Report/
Reference: Activity Report (up to 40 Transactions)
Non-delivery Report
Management Report
List of Phone Numbers for One-touch and Coded
Speed-dialing
List of Transaction Schedule
User Data List
File Reference
TTI (Transmitter Terminal Identification)
TTI Selector: Up to 99 Identifications
RTI (Remote Terminal Identification)
Options: 33.6 Kbps Dual Line
Printer Kit III (for LC 710 Only)
Network Kit III (for LC 710 Only)
500-sheet, Letter-sized Cassette
250-sheet, Adjustable Cassette (for LC 720i Only)
Provided by ⎰ Facsimile Memory: 32MB (for LC 710 and 720i)
Third-party ⎱ Printer Memory: 32MB, 64MB
Stamp
Stamp Refill
Braille Kit D-1
Telephone Handset Kit 8
Pedestal♦ (H x W x D):
17-3/4" x 18-7/8" x 17-1/2"
(450mm x 478mm x 444mm)

Printer Kit III (Optional for LC 710; Standard for LC 720i/730i)
Type: Embedded Print Controller
Processor: Power PC405 200MHz RISC Processor
Memory: Standard 8MB (72MB Max.)
PDL Support: PCL 5e, PCL 6, PJL
Internal Fonts: PCL 5e/6: 45 Roman Fonts, 32 Bar-code Fonts
Interface
Connections: Parallel (IEEE 1284)
USB 1.1 Optional RJ-45 (10/100Base-T)
(Compatibility: Nibble, Byte, and ECP mode)
Memory: 8MB
Paper Size: A4, A, B5, Executive, LGL, LTR, Postcard, Double Postcard,
C5, COM10, Monarch, DL
Media Type: Plain Paper, Heavy Paper, Recycled Paper, Colored Paper,
Bond Paper, Plain Paper 2
Notification Job
Completion: Yes (E-mail)■
Toner Saver: Yes
Duplex Printing
(Print Jobs): Yes
Network Kit III (Optional for LC 710; Standard for LC 720i/730i)
(Requires Printer KIT III)
CPU: ETRAX 100LX (32-bit RISC CPU 100MHz)
Memory (RAM): 4MB
Memory (ROM): 2MB (Flash)
SDRAM: 128 Kbytes
Network I/F: 10Base-T, 100Base-TX (RJ-45)
Network OS: Novell® NetWare® v.3.2, 4.1, 4.2, 4.11, 5.0, 5.1
(IPX/SPX™)
Windows 95/98/Me (TCP/IP)
Windows NT® 4.0/Windows 2000/
Windows XP (TCP/IP)
Solaris™ 1.1x, 2.5 or Later (TCP/IP)
Protocol Stacks: IPX/SPX: 802.2, 802.3, Ethernet II, 802.2 SNAP
TCP/IP, AppleTalk:® 802.2 SNAP
Other Features: Remote UI™ Supported
NetSpot Supported
Interface: 10Base-T/100Base-TX
Internet Fax
Function: Yes
I-Fax
Resolution: Up to 200 dpi x 200 dpi
E-mail
Resolution: Up to 400 dpi x 400 dpi
TX Mode: Simple Mode (I-fax), E-mail Mode
Protocol: SMTP; POP3
Mail Address: 5 Destinations
File Type
Simple Mode: M-TIFF
E-mail Mode: M-TIFF, PDF
Send Settings:
Document Name
Subject
Text
Signature
Priority
RX Confirmation
Message
Network
Scanning: Yes

* Temperature: 15-27.5˚ C; Humidity: 20-80% RH; Paper Weight: 20 lb.; Paper Thickness:
   <120 μm
** Actual compression ratio may vary with image
***Approximate 3 second-per-page fax transmission time based on ITU-T No. 1 Chart (JBIG,
   Standard Mode) at 33.6 Kbps modem speed when transmitting to another V.34 machine. The
   Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or
   lower, depending on telephone line conditions.
† Based on 4% original, 5% coverage.
▲ Based on ITU-T No. 1 chart (Standard Mode).
♦ Requires 500-sheet letter-sized cassette
■ Requires Network Kit III

Canon KNOW HOW™

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