



Specifications

General Specifications

Printing resolution (dpi)	600 (horizontal) x 1200 (vertical)
Interface	<p>USB Port: Hi-Speed USB *1</p> <p>USB Flash Drive Port: USB flash drive</p> <p>LAN Port: Wired LAN: 100BASE-TX / 10BASE-T Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b *2</p> <p>*1 A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1.</p> <p>*2 Setup possible through Standard setup, WPS (Wi-Fi Protected Setup), WCN (Windows Connect Now) or Cableless setup.</p> <p>USB and LAN can be used at the same time. Wireless LAN and wired LAN cannot be used at the same time.</p>
Print width	8 inches/203.2 mm
Operating environment	<p>Temperature: 41 to 95 °F (5 to 35 °C) Humidity: 10 to 90 % RH (no condensation)</p> <p>* The performance of the printer may be reduced under certain temperature and humidity conditions.</p> <p>Recommended conditions: Temperature: 59 to 86 °F (15 to 30 °C) Humidity: 10 to 80 % RH (no condensation)</p> <p>* For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.</p>
Storage environment	<p>Temperature: 32 to 104 °F (0 to 40 °C) Humidity: 5 to 95 % RH (no condensation)</p>
Power supply	AC 100-240 V, 50/60 Hz
Power consumption	<p>Printing (Copy): Approx. 25 W Standby (minimum): Approx. 0.9 W *1*2 Standby (all ports connected): Approx. 1.7 W</p>

	OFF: Approx. 0.2 W *1 *1 USB connection to PC *2 The wait time for standby cannot be changed.
External dimensions	Approx. 18.3 (W) x 15.5 (D) x 11.5 (H) inches Approx. 463 (W) x 394 (D) x 291 (H) mm * With the Paper Output Tray and Cassette retracted.
Weight	Approx. 25.0 lb (Approx. 11.4 kg) * With the Print Head and ink tanks installed.
Print Head/Ink	Total 4352 nozzles (BK 1280 nozzles, C/M/Y 512 x 6 nozzles)
ADF capacity	A4 or Letter size: max. 50 sheets (20 lb/75 g /m ² paper), up to 0.20 inch/5 mm in height Legal size: max. 10 sheets (20 lb/75 g /m ² paper), up to 0.04 inch/1 mm in height Other sizes: 1 sheet

Copy Specifications

Multiple copy	max. 99 pages
Intensity adjustment	9 positions, Auto intensity (AE copy)
Reduction / Enlargement	25 % - 400 % (1 % unit)

Scan Specifications

Scanner driver	Windows: TWAIN 1.9 Specification, WIA Mac OS: ICA
Maximum scanning size	Platen Glass: A4/Letter, 8.5" x 11.7"/216 x 297 mm ADF: A4/Letter/Legal, 8.5" x 14.0"/216 x 356 mm
Scanning resolution	Optical resolution (horizontal x vertical) max: 1200 x 1200 dpi *1 Interpolated resolution max: 19200 x 19200 dpi *2 *1 Optical Resolution represents the maximum sampling rate based on ISO 14473. *2 Increasing the scanning resolution will limit the maximum possible scanning area.
Gradation (Input / Output)	Gray: 16 bit/8 bit Color: 48 bit/24 bit (RGB each 16 bit/8 bit)

Fax Specifications

Applicable line	Public Switched Telephone Network (PSTN)
Communication mode	Super G3, G3
Data compressing system	Black: MH, MR, MMR Color: JPEG
Modem speed	max. 33.6 kbps (Automatic fallback)
Transmission speed	Black: Approx. 3 seconds/page at 33.6 kbps (Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.) Color: Approx. 1 minute/page at 33.6 kbps (Based on Canon COLOR FAX TEST SHEET.)
Gradation	Black: 256 levels Color: 24 bit Full Color (RGB each 8 bit)
Density adjustment	3 levels
Memory	Transmission/reception: approx. 250 pages (Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)
Fax resolution	Black Standard: 203 pels/inch x 98 lines/inch (8 pels/mm x 3.85 lines/mm) Black Fine, Photo: 203 pels/inch x 196 lines/inch (8 pels/mm x 7.70 lines/mm) Black Extra fine: 300 x 300 dpi Color: 200 x 200 dpi
Dialing	Automatic dialing - Recipient (max. 100 destinations) - Group dial (max. 99 destinations) Regular dialing Automatic redialing Manual redialing (max. 10 destinations)
Others	Activity report (after every 20 transactions) Sequential broadcasting (max. 101 destinations) Rejected numbers (max. 10 destinations)

Network Specifications

Communication protocol	SNMP (supports Canon-MIB), TCP/IP
Wired LAN	<p>Supported Standards: IEEE802.3u (10BASE-TX) / IEEE802.3 (10BASE-T)</p> <p>Transfer speed: 10 M/100 Mbps (auto switching)</p>
Wireless LAN	<p>Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b</p> <p>Frequency bandwidth: 2.4 GHz</p> <p>Channel: 1-11 or 1-13</p> <p>* Frequency bandwidth and available channels differ depending on country or region.</p> <p>Communication distance: Indoors 164 feet/50 m</p> <p>* Effective range varies depending on the installation environment and location.</p> <p>Security:</p> <p>WEP (64/128 bits)</p> <p>WPA-PSK (TKIP/AES)</p> <p>WPA2-PSK (TKIP/AES)</p> <p>Setup:</p> <p>Standard setup</p> <p>WPS (Push button configuration/PIN code method)</p> <p>WCN (WCN-NET)</p> <p>Cableless setup</p> <p>Other Features: Administration password</p>

Minimum System Requirements

Conform to the operating system's requirements when higher than those given here.

Windows

Operating System	<p>Windows 10, Windows 8.1*, Windows 8</p> <p>Windows 7, Windows 7 SP1</p> <p>Windows Vista SP2</p> <p>* Windows 8.1 includes Windows 8.1 Update.</p> <p>For the printer driver, fax driver, Quick Utility Toolbox, and IJ Network Device Setup Utility:</p> <p>Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, and Windows Server 2012 R2</p>
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Hard Disk Space	3.1 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
Display	XGA 1024 x 768

Mac OS

Operating System	OS X v10.8.5 - OS X v10.11
Hard Disk Space	1.5 GB Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
Display	XGA 1024 x 768

Other Supported OS

iOS, Android, Windows RT, Chrome OS

Some functions may not be available with the supported OS.

Refer to the Canon web site for details.

Mobile Printing Capability

Apple AirPrint

MAXIFY Cloud Link

- An internet connection is required to use Easy-WebPrint EX and all the Online Manual.
- Windows: Operation can only be guaranteed on a computer with Windows 10, Windows 8.1, Windows 8, Windows 7 or Windows Vista pre-installed.
- Windows: A CD-ROM Drive or internet connection is required during software installation.
- Windows: Internet Explorer 8, 9, 10 or 11 is required to install Easy-WebPrint EX.
- Windows: Some functions may not be available with Windows Media Center.
- Windows: .NET Framework 4 or 4.5 must be installed to use the Windows software.
- Windows: The TWAIN driver (ScanGear) is based on the TWAIN 1.9 Specification and requires the Data Source Manager bundled with the operating system.
- Mac OS: For Mac OS, an internet connection is required during software installation.
- In an in-house network environment, the 5222 port must be open. Contact the network administrator for details.

Information in this guide is subject to change without notice.

