# Canon

*image*FORMULA
## ScanFront 220e/220eP

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# Seamless Business Workflow Integration for Fast, Easy Document Sharing

The Canon imageFORMULA® ScanFront® 220e/220eP compact network scanners, powered by eCopy™ ShareScan®, deliver state-of-the-art image capture and intuitive document sharing through seamless integration with existing networks, workflows, and applications.
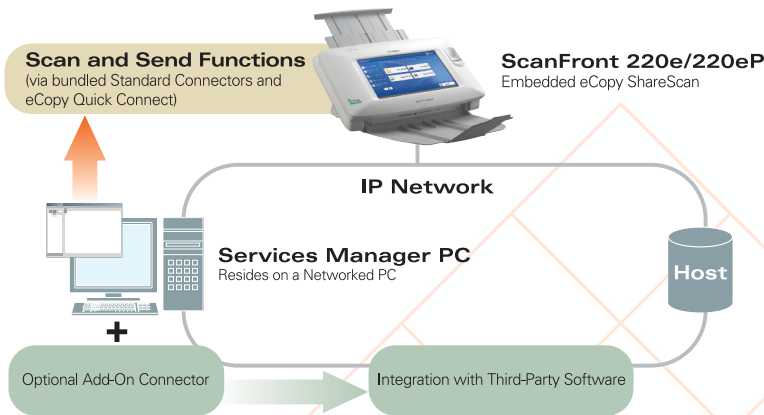
## State-of-the-Art Image Capture

The ScanFront 220e/220eP network scanners provide Canon's renowned document capture technologies, reliability, and durability. These scanners offer state-of-the-art imaging technologies capable of top scanning speeds of up to 24 pages per minute (26 ipm).* These scanners capture high-quality color, grayscale, and black-and-white images, while Canon's advanced page separation mechanism and slant-path paper feeding ensure smooth and reliable handling of a wide variety of document types. A large 8.5-inch color touch-screen allows users to preview scanned documents with exceptional full-color detail and clarity. These sleek, stand-alone scanners plug directly into the network, allowing for minimal space allocation and greatly reducing the overhead costs normally associated with traditional enterprise document scanning solutions.

# System Components and Architecture

**Scan and Send Functions**
(via bundled Standard Connectors and eCopy Quick Connect)

**ScanFront 220e/220eP**
Embedded eCopy ShareScan

**IP Network**

**Services Manager PC**
Resides on a Networked PC

**Host**

**+**

Optional Add-On Connector

Integration with Third-Party Software

## Intuitive Document Sharing

The ScanFront 220e/220eP scanners, powered by eCopy ShareScan, deliver intuitive document sharing through seamless integration with existing networks, business workflows and processes, and network applications and services. These scanners are compatible with both Microsoft® and Novell® infrastructures and will use existing network address books and databases, such as Microsoft Access, Microsoft SQL, and Oracle®. "Connectors" provide links between the ScanFront 220e/220eP scanners and networked software applications and services. Scanned images can easily be used for network distribution as well as in applications such as document management, cost recovery, e-mail, fax server, and information management.

## Easy to Deploy, Manage, and Use

Powered by eCopy ShareScan, the ScanFront 220e/220eP scanners deliver simple integration and minimal workflow disruption. A scalable solution, many ScanFront 220e/220eP scanners can be deployed just as easily as one. These scanners simply plug directly into any Ethernet network. System administrators can remotely manage and configure an entire fleet of ScanFront 220e/220eP scanners and their connectors, as well as Canon imageRUNNER ADVANCE devices running eCopy ShareScan for MEAP, from a central location using the bundled administration software. Multiple ScanFront 220e/220eP scanners can be managed and configured to work with a single ShareScan server. Each ScanFront 220e/220eP scanner does not require a separate dedicated PC, thus reducing potential points of failure and setup processes for the administrator. Direct access to Microsoft Exchange, Lotus Notes, and LDAP address books lets administrators maintain a single set of e-mail accounts. The color touch- screen enables easy operation, and an intuitive user interface requires minimal training.

\* Examples based on typical settings, rated in pages/images per minute with letter-sized documents, portrait-feeding direction, up to 200 dpi.

## Enhanced Security

The ScanFront 220e/220eP scanners can help effectively manage the risks associated with traditional document scanners and paper documents. These scanners support native integration to Microsoft Active Directory and Novell eDirectory, allowing log-in and authentication to prevent unauthorized access. They can also create audit trails, including activity logging and document tracking. Since the ScanFront 220e/220eP models contain no hard disk, no sensitive data resides in the scanners, so none can be lost through hardware failure. The ScanFront 220eP scanner also offers a fingerprint reader for user authentication at the device level, providing access control. The ScanFront 220e/220eP scanners only operate in conjunction with the central ShareScan server, eliminating the need for certain PCs in the enterprise, which could reduce the number of potential virus entry points into an organization. This also serves as a theft deterrent, as does the built-in Kensington lock slot.

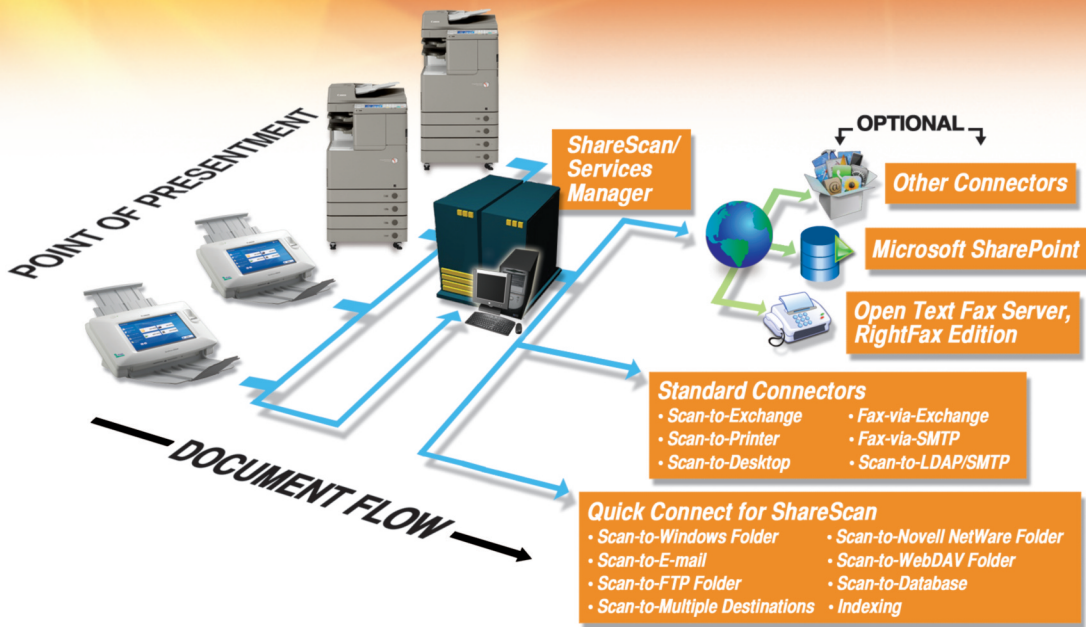**Fingerprint Reader**

## Environmentally Conscious

The ScanFront 220e/220eP scanners have been designed with the environment in mind. ScanFront 220e/220eP scanners can plug directly into office networks to deliver both scanning and sending, thereby eliminating the need for certain PCs in the enterprise and further reducing overall energy consumption. These scanners also employ a low-power standby mode to automatically reduce energy consumption during non-use periods. They also support duplex scanning, so both sides of a document can be scanned in a single pass, reducing energy consumption in the process.

Implementing ScanFront 220e/220eP scanners ultimately leads to less surplus computer hardware than an equivalent traditional document scanner installation. This not only reduces energy, operating, and maintenance costs, but also hardware disposal costs at product lifecycle end, which can result in significant cost-savings and contribute to achieving energy-saving targets. These scanners also comply with the RoHS directive for reduction of hazardous substances, and are made from plastic, glass, and metals that are mostly recyclable. Canon takes the extra step to stamp the resin number on many plastic components for ease of identification during recycling.

## Scan-To-Share

The Canon imageFORMULA ScanFront 220e/220eP scanners, powered by eCopy ShareScan, can help lower total cost of ownership (TCO) through reduced requirements for hardware, workspace, energy, and IT administration. Easy-to-use devices, the ScanFront 220e/220eP scanners are well-suited for use in small- and medium-size businesses and large enterprises alike. They can seamlessly integrate with existing networks and applications and are ideal for ECM, ERP, CRM, HRIS, and many more workflows.

**POINT OF PRESENTMENT**

**DOCUMENT FLOW**

**ShareScan/Services Manager**

OPTIONAL

**Other Connectors**

**Microsoft SharePoint**

**Open Text Fax Server, RightFax Edition**

**Standard Connectors**
- Scan-to-Exchange
- Scan-to-Printer
- Scan-to-Desktop
- Fax-via-Exchange
- Fax-via-SMTP
- Scan-to-LDAP/SMTP

**Quick Connect for ShareScan**
- Scan-to-Windows Folder
- Scan-to-E-mail
- Scan-to-FTP Folder
- Scan-to-Multiple Destinations
- Scan-to-Novell NetWare Folder
- Scan-to-WebDAV Folder
- Scan-to-Database
- Indexing

# eCopy Connectors

Connectors are ShareScan modules that enable the ScanFront 220e/220eP scanners to integrate with popular business applications and services, including document management systems, e-mail, and fax servers.

## Standard Connectors

Standard Connectors provide general sending functions and are built into the ShareScan Services Manager. They also offer support for sending secure e-mail and faxes with Microsoft Exchange and Lotus Notes authentication and address book, plus Scan-to-Printer, Folder, USB Memory, or Desktop™.

## eCopy Quick Connect

Also bundled with the scanners is eCopy Quick Connect™, which automates business workflows with sophisticated sending functions. Quick Connect offers custom "Scan-to" buttons with versatile file naming, indexing, and destination options. Users can send to multiple destinations and any database or workflow application, including WebDAV and Novell NetWare.

## Optional Add-On Connectors

A wide variety of connectors, sold separately, are available for applications including Microsoft SharePoint®. And additional connectors are being continually added to expand application integration.

# eCopy Applications and Management Tools

eCopy also offers a document management application and handy, user-friendly administration and service tools.

## eCopy PDF Pro Office

Using eCopy PDF Pro Office, users can turn paper documents into scanned image files and:

- Combine them with documents from other applications
- Protect private information with permanent redactions
- Search for text within documents and network folders
- Insert bookmarks for easy navigation
- Sign documents electronically
- Integrate documents with e-mail, fax, and document management systems

## ShareScan Services Manager

Configure and manage imaging, and document services.

## ShareScan Administration Console

Configure, manage, activate, and monitor multiple ShareScan Services Managers, application connectors, and eCopy-enabled devices using the familiar Microsoft Management Console.

# Specifications

| | |
|---|---|
| **Type:** | Compact Network Scanner |
| **Document Feeding:** | Automatic or Manual |
| **Document Size** | |
| Width: | 2" – 8.5" |
| Length: | 2.12" – 14" |
| **Document Weight** | |
| Automatic Feeding: | 14 – 32 lb. Bond |
| Manual Feeding: | 14 – 40 lb. Bond |
| **Feeder Capacity:** | 50 Sheets |
| **Grayscale:** | 8-bit |
| **Color:** | 24-bit |
| **Scanning Element:** | One-line CMOS CIS |
| **Light Source:** | RGB LED |
| **Scanning Modes:** | Simplex, Duplex, Color, Grayscale, Black and White, Halftone, Text Enhancement |
| **Color Dropout/Enhance:** | Red, Green, Blue |
| **Optical Resolution:** | 600 dpi |
| **Output Resolution:** | 100/150/200/300/400/600 dpi |

| **Scanning Speed\*** | Simplex | Duplex |
|---|---|---|
| Black and White: | 24 ppm | 26 ipm |
| Grayscale: | 16 ppm | 17 ipm |
| Color:\*\* | 11 ppm | 10 ipm |

| | |
|---|---|
| **Operation Panel:** | 8.5" TFT Liquid Crystal Display with Touch-Panel |
| **Fingerprint Sensor:** | Optical Sweep Type Sensor (ScanFront 220eP Only) |
| **Dimensions (H x W x D):** | 6.22" x 12.2" x 9.21" |
| **Weight:** | 7.5 lb. |
| **Power Consumption:** | 26W or Less |
| **Suggested Daily Volume:** | Approx. 1,500 Scans |

## eCOPY SHARESCAN SERVER REQUIREMENTS

**CPU:** Intel® Pentium® 4 2.4GHz or Higher

**RAM:** 512MB or Higher (1GB or Higher Recommended)

**OS:** Microsoft Windows XP Pro SP3, Vista Business/Enterprise SP1, 2003 Server, 2008 Server or Later

## BUNDLED SOFTWARE
• eCopy ShareScan
• eCopy Quick Connect
• eCopy PDF Pro Office

## OPTIONS
• Exchange Roller Kit
• eCarePAKs

## NETWORK FUNCTIONS
• Scan-to-E-mail (SMTP, Microsoft Exchange, Lotus Notes)
• Scan-to-Fax (SMTP, Microsoft Exchange, Lotus Notes)
• Scan-to-Folder
• Scan-to-Print
• Scan-to-FTP
• Scan-to-USB Memory
• Scan-to-WebDAV\*\*\*
• Scan-to-Database\*\*\*

## OTHER FEATURES
• Automatic Page Size Detection
• Deskew
• Color Dropout/Enhance Color
• Text Orientation Recognition
• Bleed-through Removal
• Skip Blank Page
• Fingerprint Reader (ScanFront 220eP Only)
• Ultrasonic Double-Feed Detection (ScanFront 220eP only)

## ITEM NUMBER
ScanFront 220e: 3323B001
ScanFront 220eP: 3324B001

\* Examples based on typical settings, rated in pages/images per minute with letter-sized documents, portrait-feeding direction, up to 200 dpi.
\*\* Examples based on typical settings, rated in pages/images per minute with letter-sized documents, portrait-feeding direction, up to 150 dpi.
\*\*\* eCopy Quick Connect installation is required.

**Canon**
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1-800-OK-CANON
www.usa.canon.com

Canon U.S.A., Inc.
One Canon Park
Melville, NY 11747

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