Advanced Features of the Ricoh FX4420L and FX4420NF

Two Speeds...Fast and Faster

• Super 33.6 Kbps modems with JBIG compression ensures a fast transmission speed up to 50 pages per minute.
• A Second 33.6 Kbps (G3) Line option can be added giving the operator independence, as fast lines are always available for transmission and/or reception. For example, Unireach Broadcast, where both lines transmit one document at the same time, effectively doubling the transmission capacity. Or dedicate one line to fax receptions and the other to transmissions.
• A robust 15 ppm printer engine supports fax receptions, copy runs and print jobs. It utilizes precision laser technology for fast, reliable throughput and outstanding image quality as up to 600 x 600 dpi. In addition, all printed documents are automatically collated.

Server Domain Authentication (FAX4420NF only)

When security and user tracking are an issue for IT managers, Server Domain Authentication is standard on the FAX4420NF. Authentication limits access to the FAX4420NF, increasing security by monitoring machine usage. Machine access is only given to users with a Windows domain controller account. Server Authentication will limit access to the FAX4420NF not only for scan to e-mail, but also for standard faxing, FAXing, and LAN FAXing.

Paper Handling Versatility

• The large capacity 750 sheet Automatic Document Feeder, and fast 2-seconds per page scan speed up to 30 pages per minute make quick work of storing multiple documents to memory.
• The generous standard paper supply — 750 sheets for the FAX4420L and 350 sheets for the FAX4420NF — is expandable to a total capacity of 1,350 sheets, to meet the needs of high-volume office environments.

Duplexing Saves Time and Money

• Duplex Fax Reception — The FAX4420 Series can print received faxes on both sides of the page, cutting paper costs and saving the time it takes to retransmit a page.
• Duplex Scan — Two-sided documents can be scanned, eliminating the need to copy the document onto one-sided sheets first, also saving you time and money besides for your scan to e-mail.

15 ppm PCL Printer (Option)

• High-quality, PC-Long Life 600 dpi printing capability can be added to the FAX4420 Series, allowing duplex printing of documents as well as features such as paper tray selection, slip sheet insertion, and watermark printing. Utilizing the High-Tech specialty papers such as envelopes and labels can be printed.
• A Network Interface Board (NI) can be added to provide network printing capability. Optional PostScript Level 2 compatibility is available for Macintosh users.
Shift Office Communications into High Gear...

Seamlessly integrating sophisticated fax performance with workflow efficiency, the RICOH® FAX4420 Series is designed to handle your critical document communication and imaging tasks with ease. Ricoh has developed two dynamic systems that exceed today's technological requirements for sending hardcopy documents: the Ricoh FAX4420L standalone fax system and the FAX4420NF network fax system. Once documents are scanned, they can be sent to e-mail addresses via the Internet, even in color (Color scan to e-mail). IP Faxing enables documents to be sent to other IP Fax systems at high speeds. VoIP compatibility means that the FAX4420NF can operate over a VoIP phone system. Duplex scanning and printing also help to increase efficiency and reduce cost. Innovative digital technology that streamlines document workflow for dramatic improvements in productivity makes the Ricoh FAX4420 Series the answer for your hard copy document communication needs.

Connectivity Without Complexity

The Ricoh FAX4420 Series harnesses the power of your network and the Internet to perform key document distribution and management tasks:

**Document Communication & Output**
- Color and B&W scan to e-mail
- Internet faxing
- IP Faxing
- VoIP Compatibility
- LAN faxing
- Conventional Wires

**Document & System Management**
- Auto Backup of Received/Transmitted Documents
- Download of Transaction Journal
- Scan to Fax Routing
- Scan to E-mail (SMTP)

**LAN Faxing**
- LAN Faxing allows workgroups to increase productivity by sending documents directly from their desktops to the FAX4420NF, to be faxed to any G3 fax unit. A Transmission Result Report can also be automatically returned back to the sender's PC.

**Mail Server**
- Mail Server

**Web Status Monitor – remote access saves time**
- Through a network computer and Web Browser, quickly check system status. Program or change settings, such as Quick and Speed Dials, network settings, review or download a transaction journal, and even check to see if a system is out of toner or paper.

**LAN fax – convenient desktop faxing**
- LAN Faxing allows workgroups to increase productivity by sending documents directly from their desktops to the FAX4420NF, to be faxed to any G3 fax unit. A Transmission Result Report can also be automatically returned back to the sender's PC.

**LAN Fax Cover Sheet Editor**
- Each user can create customized fax cover sheets, using both graphics, such as company logos, and text to meet their specific needs.

**Documents received or sent via the FAX4420NF are captured electronically at an archival location, so if the paper document is lost, there is always a copy of the original.**

**Paperless, Confidential**
- Color photos, brochures, business cards, floor plans—virtually any paper document—can be scanned into memory (as PDF or JPEG files) and transmitted directly to one or more recipients' e-mail inbox. Scanning in full color (or black & white) has never been easier. What's more, documents transmitted via e-mail do not use the telephone.

**IP Faxing**
- IP Faxing is the communication between a network of Ricoh FAX4420s or other IP (T.38)-compatible devices. You simply enter the IP address of the receiving fax system. Unlike a traditional fax communication, the transmission and reception are in real time, with confirmation reports. Unlike a traditional fax, IP Fax is super fast and provides resolutions up to 600 dpi. Also, because communication is over a Local Area Network/Wide Area Network (LAN/WAN), no phone charges are incurred.

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Connectivity Without Complexity

The Ricoh FAX4420L harnesses the power of your network and the Internet to perform key document distribution and management tasks.

**Document Communication & Output**
- Color and B&W scan to e-mail
- Internet faxing
- IP Faxing
- VoIP Compatibility
- LAN faxing
- Conventional Wiring

**Document & System Management**
- Auto Backup of Received/Transmitted Documents
- Download of Transaction Journal
- Scan to E-mail
- EMC® Dynamic Host Configuration Protocol
- Remote Programming & Monitoring

**LAN Faxing**
- LAN Faxing allows workgroups to increase productivity by sending documents directly from their desktops to the FAX4420NF, to be faxed to any G3 fax unit. A Transmission Result Report can also be automatically returned back to the sender's E/K.

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- IP Faxing is the communication between a network of Ricoh FAX4420L or other IP fax-compatible devices. You simply enter the IP address of the receiving IP fax system. Unlike a traditional fax communication, the transmission and reception are in real time, with confirmation reports. Unlike a traditional fax, IP Fax is super fast and provides resolutions up to 600 dpi. Also, because communication is over a Local Area Network/Wide Area Network (LAN/WAN), no phone charges are incurred.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>FAX4420L</th>
<th>FAX4420NF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard Paper Capacity</strong></td>
<td>750 sheets</td>
<td>350 sheets</td>
</tr>
<tr>
<td>Optional Paper Capacity</td>
<td>600 sheets</td>
<td>500 sheets</td>
</tr>
<tr>
<td>Maximum Paper Capacity</td>
<td>1,350 sheets</td>
<td>1,350 sheets</td>
</tr>
<tr>
<td>2nd 33.6 Kbps Modem with JBIG</td>
<td>Optional</td>
<td>Standard</td>
</tr>
<tr>
<td>Color scan to e-mail</td>
<td>Optional</td>
<td>Standard</td>
</tr>
<tr>
<td>Internet Faxing</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>IP Faxing Real-Time (T.28)</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>VoIP Compatibility</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>LAN Faxing</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>DLC Each 300 dpi Printer</td>
<td>Optional</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**Paperless, Confidential**
Color photos, brochures, business charts, floor plans—virtually any paper document—can be transmitted simply as a memory (in PDF or JPG) fax and transmitted directly to one or more recipient's e-mail inbox. Scanning in full color (or black & white) fax never been easier. What's more, documents transmitted via e-mail do not use the telephone.

**LAN fax – convenient desktop faxing**
LAN faxing allows workgroups to increase productivity by sending documents directly from their desktops to the FAX4420NF, to be faxed to any G3 fax unit. A Transmission Result Report can also be automatically returned back to the sender's E/K.

**Auto document backup – a smart business decision**
Documents received or sent via the FAX4420 can be captured electronically at an archival location, so if the paper document is lost, there is always a copy of the original.
Shift Office Communications into High Gear...

Seamlessly integrating sophisticated fax performance with workflow efficiency, the RICOH® FAX4420 Series is designed to handle your critical document communication and imaging tasks with ease. Ricoh has developed two dynamic systems that exceed today’s technological requirements for sending hardcopy documents: the Ricoh FAX4420L standalone fax system and the FAX4420NF network fax system. Once documents are scanned, they can be sent to e-mail addresses via the Internet, even in color (Color scan to e-mail). IP Faxing enables documents to be sent to other IP fax systems at high speeds. VoIP compatibility means that the FAX4420NF can operate over a VoIP phone system. Duplex scanning and printing also help to increase efficiency and reduce cost. Innovative digital technology that streamlines document workflow for dramatic improvements in productivity makes the Ricoh FAX4420 Series the answer for your hard copy document communication needs.

Connectivity Without Complexity

<table>
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<tr>
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<th>RICOH FAX4420LNF</th>
<th>RICOH FAX4420LNS</th>
<th>RICOH FAX4420M</th>
<th>RICOH FAX4420MNF</th>
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<tbody>
<tr>
<td>Standard Paper Capacity</td>
<td>750 sheets (One 250 sheet tray + one 500 sheet tray)</td>
<td>350 sheets (One 100 sheet tray + one 250 sheet tray)</td>
<td>350 sheets (One 100 sheet tray + one 250 sheet tray)</td>
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<td>350 sheets (One 100 sheet tray + one 250 sheet tray)</td>
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<td>Optional Paper Capacity</td>
<td>400 sheets (One 100 sheet tray + one 300 sheet tray)</td>
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<tr>
<td>MaxStack Paper Capacity</td>
<td>1,350 sheets (One 250 sheet tray + one 500 sheet tray + one 100 sheet bypass tray)</td>
<td>1,050 sheets (One 250 sheet tray + one 500 sheet tray + one 100 sheet bypass tray)</td>
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<tr>
<td>2nd SLA XGp Modem with JBIG</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
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</tr>
<tr>
<td>Color scan to e-mail</td>
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<td>Standard</td>
<td>Optional</td>
<td>Standard</td>
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<tr>
<td>Internet Faxing (T.37)</td>
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<td>Standard</td>
<td>Optional</td>
<td>Standard</td>
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<tr>
<td>PCL, Each 600 dpi Printer</td>
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<td>Standard</td>
<td>Optional</td>
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Color photos, brochures, maps, business charts, floor plans—virtually any paper document—can be converted into memory (as PDF or JPEG) and transmitted directly to one or more recipients’ e-mail addresses. Scanning in full color (or black & white) has never been easier. When your document is transmitted via e-mail, it does not use the telephone.

IP Faxing - real-time faxing (T.38)

IP Faxing is the communication between a network of Ricoh FAX4420Ls or other IP (TCP/IP) compatible devices. You simply enter the IP address of the receiving fax system. Unlike a traditional fax communication, the transmission and reception are in real time, with confirmation reports. Unlike a traditional fax, IP Fax is super fast and provides resolutions up to 600 dpi. Also, because communication is via a Local Area Network/Wide Area Network (LAN/WAN), no phone charges are incurred.

Web Status Monitor - remote access saves time

Through a network computer and Web Browser, quickly check system status, Program or change settings, such as Quick and Speed Dials, network settings, review or download a transaction report, and even check to see if a system is out of toner or paper.
Two Speeds…Fast and Faster

- Super G3 33.6 Kbps with JBIG compression ensures a fast transmission speed of up to 20 pages per minute.
- A Second 33.4 Kbps (G3) Line option can be added to the fax machine to provide even faster transmission speeds.

Server Domain Authentication (FAX4420L only)

When security and user tracking are an issue for IT managers, Server Domain Authentication is standard on the RICOH FAX4420L. This feature allows access to the FAX4420L only by users with specific user domain accounts, ensuring that only authorized users can access the fax machine.

Server Authentication will limit access to the FAX4420L only to users with specific user domain accounts, ensuring that only authorized users can access the fax machine.
RICOH FAX4420L/NF SPECIFICATIONS

**Type**: High Performance Workgroup Laser Facsimile Series

**Print Speed (Letter)**: 15 ppm

**Print Quality**: 600 x 600 dpi

**Paper Handling Versatility**: The large capacity 700 sheet Automatic Document Feeder, and fast 1.3-second per page scan speed up to 25 pages per minute make quick work of storing multiple documents to memory.

**Resolution Enhancement**: The generous standard paper supply — 750 sheets for the FAX4420L and 250 sheets for the FAX4420NF — is expandable to a total capacity of 1,350 sheets, to meet the needs of high-volume office environments.

**Duplexing Saves Time and Money**: Duplex Scan — The FAX4420 Series footprint is very compact with no tray extending out, maximizing valuable workspace.

**FAX TRANSMISSION FEATURES**

- **Dual Access**: The FAX4420 Series is outfitted with dual access, allowing for simultaneous copy runs and print jobs.
- **Two-in-One Reception**: Two-in-one reception ensures a fast transmission, copy runs and print jobs. It utilizes precision laser technology for fast, reliable receptions, copy runs and print jobs. It utilizes precision laser technology for fast, reliable receptions, copy runs and print jobs.

**FAX COMMUNICATION FEATURES**

- **Serial Broadcast**: Simultaneous Broadcast, where both the FAX4420L and FAX4420NF receive the same document at the same time.
- **On Hook Dialing**: On Hook Dialing ensures a fast transmission, copy runs and print jobs.

**NIC Fax Unit Type 410 (FAX4420L only)**

- **Photoconductor Unit Type 1013**: Photoconductor Unit Type 1013 ensures a fast transmission, copy runs and print jobs.
- **100-Sheet Bypass Feeder Type 300**: 100-Sheet Bypass Feeder Type 300 ensures a fast transmission, copy runs and print jobs.
- **500-Sheet Paper Feed Unit Type PS480**: 500-Sheet Paper Feed Unit Type PS480 ensures a fast transmission, copy runs and print jobs.

**Energy Saver Mode**: For example, when security and user tracking are an issue for IT Managers, Server Domain Authentication limits access to the FAX4420NF, ensuring only authorized users can access the machine.

**PIN Code Protection**: PIN Code Protection ensures a fast transmission, copy runs and print jobs.

**Duplexing Saves Time and Money**

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**NIC Fax Unit Type 410 (FAX4420L only)**

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