# SHARP

# ADVANCED SERIES COLOR DOCUMENT SYSTEMS



The Sharp Advanced Series color document systems deliver cutting-edge integration and powerful productivity.

# THE NEW BENCHMARK OF INNOVATION

The Sharp MX-3070V, MX-3570V, and MX-4070V Advanced Series color workgroup document systems offer stunning color output with exceptional ease of use. These new models are designed to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new color Advanced Series focuses on user operability and draws inspiration from the latest networking and imaging technologies available today, all to create a document system that delivers the productivity you need, with the reliable performance you want.

# **Key Features**

- Ease of Use Sharp's customizable touchscreen display offers a user-friendly graphical interface
  with a clean design, simplified Easy Modes, and integrated operation guide.
- Integration Equipped with the latest version of Sharp OSA<sup>®</sup> technology for easy integration with network applications and cloud services, these models can unlock advanced capabilities to help you better manage your workflow.
- Productivity An integrated walk-up motion sensor and an easy-to-use graphical interface combine
  with a 10-second warm up time to create a workflow experience with virtually no waiting time.

The MX-3070V, MX-3570V, and MX-4070V color Advanced Series offer customers powerful multitasking features enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments. And with Sharp's industry-leading security features, you can rest assured that your intellectual property is protected from the first day of operation to the time of trade-in.



### DESIGNED TO DELIVER PERFORMANCE AND PRODUCTIVITY



#### **EASY-TO-USE DESIGN**

# ENHANCED INTEGRATION AND WIRELESS CAPABILITY

#### **VERSATILE PRODUCTIVITY**

# An advanced design plus multifunctional capability allow you to meet tomorrow's document needs today.

- Automatic walk-up motion sensor wakes the machine, and it's ready within 10 seconds.
- Offers up to six paper sources with available 550 + 2,100-sheet split tandem paper drawers and 3,000-sheet large capacity cassette.
- Large 10.1" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.



- Sharp's Color Consistency System with next generation image process control delivers high-quality color output and maintains optimum color balance and toner density page after page.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the PANTONE MATCHING SYSTEM®
- Easily access popular cloud applications, including Microsoft<sup>®</sup> OneDrive<sup>™</sup> for Business, SharePoint<sup>®</sup> Online, Box.com and Google Drive<sup>™</sup> with Sharp's Cloud Connect features.
- Cloud Portal Office, a content management software service from Sharp for storing and sharing scanned documents and other electronic files, helps keep your whole team connected.
- **Standard security platform** includes 256-bit encryption, up to 10-times data overwrite and an End-of-Lease feature that erases all data and personal information at trade-in.
- Standard 150-sheet duplexing document feeder scans both sides of a document in a single
  pass at speeds up to 200 images per minute (ipm), putting less wear on the feeder and your
  originals, and giving you more time to spend on other tasks.
- Flexible paper handling system supports media up to 110 lb. cover (300 gsm) and up to 12" x 18" through the paper trays, allowing you to print on a wide variety of media.



Built-in retractable keyboard simplifies email address and subject line entries as well as repetitive scanning tasks and user authentication.



# ADVANCED FUNCTIONALITY - INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



Standard Copy Screen offers more advanced features.



Built-in wireless network interface for convenient scanning and printing from mobile devices.

# From paper handling to networking, the MX-3070V, MX-3570V, and MX-4070V color Advanced Series will exceed your expectations.

#### Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the color Advanced Series will perform them with ease and efficiency. Walk up to the control panel, and the machine senses you approaching and **automatically wakes up**. Within seconds from the time you place your originals in the feeder and select your settings, it's ready to print. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. And for more advanced features, just touch the "Details" button—it's that easy.

#### A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the color Advanced Series' standard wireless networking features. Print from or scan to popular cloud services such as Microsoft OneDrive for Business, SharePoint Online, Box.com and Google Drive with Sharp's Cloud Connect features. Single Sign-on (SSO) support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's serverless Print Release function. Easily send a job to one device, and print it on another where it's most convenient for you.

#### The Productivity You Need, the Performance You Want

When it's time to get the job done, the Advanced Series color document systems are outstanding performers. Quickly scan documents at speeds up to **200 images per minute**. Built-in optical character recognition (OCR) can convert your scanned documents into **text-searchable PDFs** or **Microsoft Office** file formats, simplifying your workflow. Use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There's even an available built-in **stapleless staple** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets.



MX-4070V shown with 3K saddle stitch finisher and large capacity cassette. The MX-3070V/3570V/4070V Advanced Series color document systems provide high-performance functionality adaptable to your business needs.

# innovative features

#### **Duplexing Single Pass Feeder (DSPF)**

Standard 150-sheet dual head document feeder scans both sides of a document in a single pass.

#### **Advanced Network Scanning**

Sharp's ImageSEND™ feature provides one-touch distribution to email, network folders, cloud applications and more.

#### Easy-to-Use Smart Touchscreen

Tablet-style menu provides quick access to features and functions.

#### **High Quality Printing**

1200 x 1200 dpi resolution produces razor-sharp documents. True Adobe® PostScript® 3<sup>TM</sup> drivers offer extensive job control.

#### **Built-in Retractable Keyboard**

Full-size QWERTY keyboard enables easy data entry.

#### In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

#### Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

#### **Saddle Stitch Finishers**

Make high quality booklets up to 80 pages.

#### **On-board Document Storage**

Sharp's easy-to-use Document Filing System enables users to store frequently used files.

#### Walk-up Motion Sensor

Detects walk-up users and wakes the machine from sleep mode, making it ready for use within 10 seconds.

#### **Enhanced Security Features**

256-bit data encryption with up to 10-times data overwrite, as well as Sharp's convenient End-of-Lease feature.



Micro-Fine Toner Technology Developer Auto

Real-Time

Sharp's Color Consistency System combines Micro-fine Toner with Developer Refresh and advanced Image Process Control. These processes help ensure color output is always at peak performance.

#### Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

#### Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. 550-sheet capacity makes it easy to reload a full ream of paper. A high capacity split tandem drawer is also available.

#### **Large Capacity Cassette**

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



## ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Scan and convert documents to popular file formats seamlessly with Sharp's built-in OCR function.



Distribute, access and print documents more easily.



With serverless Print Release technology you can securely print a job and release it from any of five color Advanced Series models.

#### <sup>1</sup> Go to www.sharpusa.com for a list of supported devices and operating systems.

# Powerful document workflow solutions help you work more efficiently.

#### Simplify Managing Different File Types with Intelligent Image Processing

Easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint, and Excel, as well as a variety of PDF formats such as Searchable PDF, Encrypted PDF, Compact PDF and others. You can also direct print these same file types from thumb drives, cloud applications, and mobile devices. This function is enabled via DirectOffice™ technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

#### Distribute, Access and Print Your Documents with Ease

Sharp makes it easy to send documents to the destinations you need and goes beyond traditional network scanning with standard Cloud Connect features. Easily scan documents to Microsoft OneDrive for Business, SharePoint Online, Box.com and Google Drive without additional middleware. You can also print from these cloud applications. With Single Sign-On capability, accessing them is virtually seamless! Sharp also makes it easy to collaborate and share documents with Cloud Portal Office document storage and sharing service. Capture, index, and archive your documents easily and securely.

#### Scan and Print Files Easily from Mobile Devices

The Advanced Series color document systems also make it easy to scan and print files from tablets and smart phones using Sharpdesk® Mobile, a free downloadable app available for most common mobile devices. The color Advanced Series also supports popular mobile technologies such as AirPrint®, Mopria™, Android™ printing framework and Google Cloud Print™.2 You can print locally from your device or download files from supported cloud applications. Since the color Advanced Series can connect to mobile devices through a point-to-point wireless connection, there is no interference with your corporate network.

#### Flexible Printing Solutions Help Speed Up Your Office Productivity

The color Advanced Series come standard with true Adobe® PostScript® 3™ and PCL® 6 printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include Serverless Print Release technology, enabling you to securely print a job and release it from up to five color Advanced Series models on your network. And with Google Cloud Print web printing service, you can print from Chromebook™ notebook computers, PCs and more from virtually anywhere.

#### Simplify Complex Business Workflows

Sharp OSA® technology can help your business leverage the power of your network applications, back-end systems and cloud services.<sup>3</sup> Easily automate complex processes and help eliminate redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.

<sup>&</sup>lt;sup>2</sup> Some features require optional equipment and/or software/services.

# TAKING CARE OF BUSINESS SAFELY AND SECURELY

## Manage your device, help safeguard your data, help protect your business.

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-3070V/3570V/4070V Advanced Series offer powerful device management utilities, web-based customer training, and advanced, **multi-layered security features**.

With the **Sharp Remote Device Manager (SRDM)\***, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Its event-driven service alerts help you monitor the device and maximize uptime. The **Remote Front Panel** feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access, and track usage** of each device on the network.\* And with **My Sharp<sup>TM</sup>**, you get a dedicated training website customized to your model and configuration to help you understand and utilize all of the advanced features of your **SHARP**.



To help protect employees' privacy and intellectual property, the color Advanced Series is armed with a variety of security measures, including features such as data encryption, data overwrite protection, and data erase. Multiple security protocols help restrict access to the device while in operation, and a convenient End-of-Lease feature overwrites all data at time of trade-in. Authority Groups help manage and restrict specific copying, printing, scanning, and fax features to safeguard data and control costs. The Admin Audit Log feature allows IT administrators to track activity on the device. Confidential Printing and Secure Fax Release help ensure that sensitive documents are kept safe by requiring users to enter a PIN code in order to print them.

These scalable security offerings aim to **protect your intellectual property**, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: <a href="https://www.sharpusa.com/security">www.sharpusa.com/security</a>.

\*Some features require optional equipment and/or software.



### **ENVIRONMENTAL COMMITMENT**









#### An Environmentally Responsible Approach to Product Design

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. Sharp adheres to Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair, and easy to take apart for recycling.

The MX-3070V/3570V/4070V document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have one of the lowest TEC values among competitive models. Sharp MFPs are EPEAT® registered.



#### **Toner Recycling Program**

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing a pre-paid recycling kit for their return to our facility.

#### **Environmental Leadership**

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay<sup>®</sup> Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit www.sharpusa.com/environment.

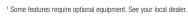
# MX-3070V/3570V/4070V SPECIFICATIONS

Main Specification		Main Specification	
MX-3070V/3570V/		Output Tray	Center Exit Tray (Main): 250 sheets (face down)
4070V	DSPF, PCL® 6 and Adobe PostScript® 3™ printing systems,	Capacity	Job Separator (Upper Tray): 100 sheets (face down)
	network scanning, auto duplexing, 1 x 550-sheet paper drawer,	Olaved Commanded	Right Side Exit Tray: 100 sheets (face down)
Tuno	100-sheet bypass tray. Black and color developer is included.	Cloud Supported	Sharp Cloud Portal Office, Google Cloud Print, Google
Type	Color multi-function digital document system  10.1" (diagonally measured) color dot matrix high-resolution	Services Network Protocols	Box.com, OneDrive for Business, SharePoint Online
Display	touch panel tilting display. 1024 x 600 dots (W-SVGA)	NELWOIK FIOLOGOIS	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, P0P3/P0P3-SS
Functions	Copy, print, network print, network scan, document filing and fax <sup>1</sup>		LDAP-SSL, 802.1x for Windows and Unix.
Copy System	Dry electrostatic transfer/Dual component developer/	Network Security	Includes IP/MAC address filtering, protocol filtering, p
оору оуотопі	Magnetic brush development/OPC drums/Belt fusing/white	notwork occurry	control, user authentication (local/LDAP/Active Directo
	LED exposure		Encryption, Kerberos support
Originals	Sheets and bound documents	Firmware	Flash ROM with local (USB), network update capability
Max. Original Size	11" x 17"	Management	and firmware update 1 to N with SRDM (Sharp Remot
Copy Size	Min. 5½" x 8½", Max. 12" x 18"	· ·	Device Manager)
Copy Speed	30/35/40 ppm B&W/Color (8½" x 11")	Device Setup	Web-based management/cloning with user/administra
Multiple Copy	Max. 9,999 copies		level login
First Copy Time	MX-3070V MX-3570V MX-4070V	Service/Functions	Remote Front Panel, remote access to service logs an
(In Seconds) <sup>2</sup>	Platen Glass Mono 4.7 Mono 4.7 Mono 4.7		click counts
	Color 6.7 Color 6.7 Color 6.7	Accessibility	Free stop tilting front panel, adjustment of key touch
	DSPF Mono 7.3 Mono 7.3 Mono 7.3	Features	and speed, concave key, document feeder free stop, j
	Color 10.0 Color 10.0 Color 10.0		programs, remote front panel, universal grip for paper
Warm Up Time	10 seconds or less		and disable screen timeout
Magnification	25% to 400% in 1% increments (with DSPF 25%-200%)	Environmental	International Energy Star Program Ver. 2.0, European
Original Feed	150-sheet DSPF with original size detection	Standards	Blue Angel (RAL-UZ171)
Scan Speed	Copy: Up to 200 ipm (B&W)/106 ipm (Color)	Power Source	110-127 V AC, 60 Hz, 15 A Receptacle
Original Circa	Scan: Up to 200 ipm (B&W/Color)  5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"	Power Consumption	Approx. 191 lbs.
Original Sizes Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets	Weight Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Paper Feed	Standard: (1) 550-sheet paper drawer (letter/legal/ledger/	Dillicitatoria	Approx. 24 (w) x 20 (u) 33 (ii)
System	statement size) and 100-sheet bypass tray (letter/legal/ledger/	Network Printing S	System
Oyotom	statement/envelope size). Optional: Single, double, or triple	PDL	Standard PCL® 6 compatible, Adobe® PostScript® 3 <sup>TM</sup>
	drawer paper deck (550, 1,100, or 1,650 sheets), split tandem	Resolution	1200 x 1200 dpi
	paper drawer (2,100 sheets letter only) plus (1) 550-sheet	Print Speed	30/35/40 pages per minute (8½" x 11")
	paper drawer (letter/legal/ledger/statement size).	Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Serv
Paper Weights	Paper drawers: 18 lb. bond to 110 lb. cover.		2008, Windows Server 2008 R2, Windows Server 201
and Types	Split Tandem Drawers: 18 lb. bond to 28 lb. bond.		Windows Server 2012 R2, Window Server 2016, Wind
	Other paper types include plain, pre-printed, recycled,		PPD, MAC OS X® (including 10.6 to 10.13), all MAC PF
	pre-punched, letterhead and color paper.		Unix®, Linux® PPD
	Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond	Mobile Printing	AirPrint, Android printing framework (Sharp Print Serv
	(thin paper), 28 lb. bond-110 lb. cover (heavy paper), 20-24		Plugin), Mopria Print Service, Sharpdesk Mobile <sup>3</sup>
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also	Print Features	Auto configuration, serverless print release, bar code
	label paper, gloss paper, pre-printed, recycled, pre-punched,		printing, carbon copy print, chapter inserts, color adju
Dunlovina	letterhead, color paper and OHP film.		settings, color mode, confidential print, continuous pri
Duplexing CPU	Standard automatic duplex copying and printing Up to 1.9 GHz multi-processor design		custom image registration, different cover page/last   other page, document control, document filing, duple
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 2 host ports		printing, electronic sorting, folding, form overlay, hidd
intoriuoc	(front and rear), 1 device port (rear), wireless 802.11 a/b/g/n		pattern print, image rotation, image stamp, image type
Memory	Standard 5 GB copy/print (shared)/Hard Disk Drive: 500 GB		job bypass print, job retention, layout print, margin sh
Hard Disk Drive	500 GB		multiple pamphlet, network tandem print, N-up printing
Copy Resolution	Scan: 600 x 600 dpi (B&W/Color)		offset stacking, page interleave, pamphlet style, post
	Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color)		print, proof print, print and send, punching, stapling,
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)		paper print, tab printing, toner save mode, transparer
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo,		inserts, tray status, user authentication, watermarks,
	Printed-Photo, Photo, Map, Pale-Color Document		zoom print
	Settings: Auto or 9 step manual	Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact P
Halftone	256 gradations/2 levels (monochrome)		Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PN
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking,		Methods: FTP, SMB, Web page, Email and USB memor
	Auto Color Selection (ACS), Auto Paper Selection (APS), Auto	Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
	Magnification Selection (AMS), Auto Tray Switching (ATS),	Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wirele
	black-white reversal, blank page skip, book copy, book divide,		Windows 7, Windows 8.1, Windows 10, Windows Ser
	card shot, center erase, centering, cover pages, dual page copy,	and Environments	2008, Windows Server 2008 R2, Windows Server 201
			Windows Server 2012 R2, Mac OS X 10.6-10.13, UNI
	edge erase, image edit, image preview, insert pages, job build,		
	job programs, margin shift, mirror image, mixed size original,	Drinting Protocole	Citrix®, SAP device types¹
	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof	Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, I
	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp	Printing Protocols	
	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper		LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, I Novell Pserver/Rprinter
	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts,	Network Scanning	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, I Novell Pserver/Rprinter System
Account Control	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot	Network Scanning Scan Modes	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, Novell Pserver/Rprinter  System  Standard: Color, monochrome, grayscale
Account Control	job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts,	Network Scanning	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, I Novell Pserver/Rprinter System

Main Specification	s (continued)
Output Tray	Center Exit Tray (Main): 250 sheets (face down)
Capacity	Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down)
Cloud Supported	Sharp Cloud Portal Office, Google Cloud Print, Google Drive,
Services	Box.com, OneDrive for Business, SharePoint Online
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL,
	FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, P0P3/P0P3-SSL, LDAP/
	LDAP-SSL, 802.1x for Windows and Unix.
Network Security	Includes IP/MAC address filtering, protocol filtering, port
	control, user authentication (local/LDAP/Active Directory®), TLS
Firmana	Encryption, Kerberos support
Firmware	Flash ROM with local (USB), network update capability
Management	and firmware update 1 to N with SRDM (Sharp Remote
Device Setup	Device Manager) Web-based management/cloning with user/administrator
Device Setup	level login
Service/Functions	Remote Front Panel, remote access to service logs and
COLVIDO/L GUOGOLO	click counts
Accessibility	Free stop tilting front panel, adjustment of key touch sound
Features	and speed, concave key, document feeder free stop, job
	programs, remote front panel, universal grip for paper trays,
	and disable screen timeout
Environmental	International Energy Star Program Ver. 2.0, European RoHS,
Standards	Blue Angel (RAL-UZ171)
Power Source	110-127 V AC, 60 Hz, 15 A Receptacle
Power Consumption	
Weight	Approx. 191 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing S	System
PDL	Standard PCL® 6 compatible, Adobe® PostScript® 3 <sup>TM</sup>
Resolution	1200 x 1200 dpi
Print Speed	30/35/40 pages per minute (8½" x 11")
Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server®
	2008, Windows Server 2008 R2, Windows Server 2012,
	Windows Server 2012 R2, Window Server 2016, Windows
	Windows Server 2012 R2, Window Server 2016, Windows PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD
Mobile Printing	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service
Mobile Printing	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³
Mobile Printing  Print Features	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment
	PPD, MAC OS $X^{\oplus}$ (including 10.6 to 10.13), all MAC PPD, Unix $^{\oplus}$ , Linux $^{\oplus}$ PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile <sup>3</sup> Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filling, duplex
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing,
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, hup printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD Hirpint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency
	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks,
Print Features	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden prittern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG.
Print Features  Direct Printing	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory
Print Features  Direct Printing  Resident Fonts	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, 1-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS)
Print Features  Direct Printing  Resident Fonts Interface	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, 200m print File Types: TiFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Print Features  Direct Printing  Resident Fonts Interface Operating Systems	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD Horiyin, Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden prittern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server®
Print Features  Direct Printing  Resident Fonts Interface Operating Systems	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 30 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012,
Print Features  Direct Printing  Resident Fonts Interface Operating Systems	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows Srver 2008 RZ, Mindows Server 2012, Windows Server 2012, PR, Marc OS X 10.6-10.13, UNIX, Linux,
Print Features  Direct Printing  Resident Fonts Interface Operating Systems and Environments	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012, Windows Server 2012, Windows SAP device types'
Print Features  Direct Printing  Resident Fonts Interface Operating Systems	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Honk®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden prittern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8-rver 2008 R2, Windows Server 2012, Windows Server 2012 R2, Mac OS X 10.6-10.13, UNIX, Linux, Citrix®, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and
Print Features  Direct Printing  Resident Fonts Interface Operating Systems and Environments	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Horix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012, Windows Server 2012, Windows SAP device types'
Print Features  Direct Printing  Resident Fonts Interface Operating Systems and Environments  Printing Protocols	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2012 R2, Mac OS X 10.6-10.13, UNIX, Linux, Citrix®, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and Novell Pserver/Rprinter
Print Features  Direct Printing  Resident Fonts Interface Operating Systems and Environments	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD Honk®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2008, Windows Server 2008 RZ, Windows Server 2012, RZ, Mac OS X 10.6-10.13, UNIX, Linux, Citrix®, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and Novell Pserver/Rprinter
Print Features  Direct Printing  Resident Fonts Interface Operating Systems and Environments  Printing Protocols  Network Scanning	PPD, MAC OS X® (including 10.6 to 10.13), all MAC PPD, Unix®, Linux® PPD AirPrint, Android printing framework (Sharp Print Service Plugin), Mopria Print Service, Sharpdesk Mobile³ Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/ other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX, PPTX, and PNG. Methods: FTP, SMB, Web page, Email and USB memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless Windows 7, Windows 8.1, Windows 10, Windows Server® 2012 R2, Mac OS X 10.6-10.13, UNIX, Linux, Citrix®, SAP device types¹ LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and Novell Pserver/Rprinter

Network Scanning	System (continued)
Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low)
•	Internet Fax mode: MH/MMR (option) <sup>1</sup>
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS,
mago i ormato	Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF.
	Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF,
	Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT,
	and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S1
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option),
	Super G3 fax (option)
One-touch	Up to 2,000 (combined scan destinations)
Destinations	
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email	Standard Gmail connector, standard Exchange connector
Integration	(on-premises)
	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3,
ocanning i rotocolo	LDAP, S/MIME
Software	
Soπware	Sharpdesk® personal document management software (1 user
	license included), Sharpdesk Mobile (download)
Optional Equipment	
MX-60ABD	Deluxe Copier Cabinet Base (with front door)
MX-DE25N	Stand/1 x 550-sheet Paper Drawer
MX-DE26N	Stand/2 x 550-sheet Paper Drawers
MX-DE27N	Stand/3 x 550-sheet Paper Drawers
MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE29	Low Stand/1 x 550-sheet Paper Drawer
MX-LC17N	3,000-sheet Large Capacity Cassette
WIX-LOTTIN	(letter, requires MX-DE25N/26N/27N/28N)
MV LT10	
MX-LT10	Long Paper Feeding Tray
MX-FN27N	50-sheet Staple Inner Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-SCX1	Staple Cartridge for MX-FN27N/28/29
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SC11	Staple Cartridge for MX-FN30/31
	· •
	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray
MX-TR19N	Saddle-stitch Staple Cartridge for MX-FN31
MX-TR19N MX-TR20	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray
MX-TR19N MX-TR20 MX-TU16	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray
MX-TR19N MX-TR20 MX-TU16 MX-FX15	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge)
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SV1	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FX1L MX-PF10 AR-SU1 AR-SU1 MX-AMX1L	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module
MX-TR19N MX-TR20 MX-TR106 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SV1 MX-AMX1L MX-FR52U	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit
MX-TR19N MX-TR20 MX-TR106 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SV1 MX-AMX1L MX-FR52U	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SV1 MX-AMX1L MX-FR52U	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SV1 MX-AMX1L MX-FR52U DVENDFS	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit
MX-TR19N MX-TR20 MX-TR20 MX-TU16 MX-FX15 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 MX-AMX1L MX-FR52U DVENDFS Supplies	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit
MX-TR19N MX-TR20 MX-TR20 MX-TR16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SU1 MX-AMX1L MX-FR52U DVENDFS Supplies MX-60NTBA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit
MX-TR19N MX-TR120 MX-TP16 MX-FV15 MX-FW11L MX-FW11L AR-SU1 AR-SU1 MX-AMX1L MX-FR52U DVENDFS Supplies MX-60NTBA MX-60NTBA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit  Black Toner Cartridge Cyan Toner Cartridge
MX-TR19N MX-TR20 MX-TR20 MX-TV16 MX-FX15 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SU1 MX-AMX1L MX-FR52U DVENDFS  Supplies MX-60NTBA MX-60NTBA MX-60NTCA MX-60NTMA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit  Black Toner Cartridge Cyan Toner Cartridge Magenta Toner Cartridge
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 MX-AMX1L MX-FR52U DVENDFS Supplies MX-60NTBA MX-60NTBA MX-60NTMA MX-60NTMA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit  Black Toner Cartridge Vagn Toner Cartridge Magenta Toner Cartridge Vellow Toner Cartridge Vellow Toner Cartridge
MX-SC12 MX-TR19N MX-TR20 MX-TR16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SU1 MX-AMX1L MX-FR52U DVENDFS Supplies MX-60NTBA MX-60NTBA MX-60NTMA MX-60NTMA MX-60NTMA MX-60NTMA MX-60NTMA MX-60NTMA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit  Black Toner Cartridge Cyan Toner Cartridge Magenta Toner Cartridge Magenta Toner Cartridge Pallow Toner Cartridge Black Developer
MX-TR19N MX-TR20 MX-TR20 MX-FY15 MX-FY15 MX-FWX1L MX-PF10 AR-SV1 MX-AMX1L MX-FR52U DVENDFS Supplies MX-60NTBA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit  Black Toner Cartridge Cyan Toner Cartridge Magenta Toner Cartridge Vellow Toner Cartridge
MX-TR19N MX-TR20 MX-TU16 MX-FX15 MX-FWX1L MX-PF10 AR-SU1 AR-SU1 MX-AMX1L MX-FR52U DVENDFS  Supplies MX-60NTBA MX-60NTCA MX-60NTMA MX-60NTYA MX-60NVBA	Saddle-stitch Staple Cartridge for MX-FN31 Right Side Exit Tray Job Separator Tray Center Exit Tray Fax Expansion Kit Internet Fax Kit Bar Code Font Kit Stamp Unit (requires AR-SV1 Stamp Cartridge) Stamp Cartridge Application Integration Module Commercial Data Security Kit Generic Vendor Interface Kit Black Toner Cartridge Cyan Toner Cartridge Magenta Toner Cartridge Magenta Toner Cartridge Black Developer

**Network Scanning System** (continued)



<sup>&</sup>lt;sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.

















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<sup>&</sup>lt;sup>3</sup> Go to www.sharpusa.com for a list of supported devices and operating systems.