ESSENTIALS SERIES COLOR DOCUMENT SYSTEMS simply smarter

Designed for today's individual workstyles.

From media handling to workflow and collaboration, the new Essentials Series delivers the features businesses need to get the job done.

The new Essentials Series color document systems enable workers to collaborate and share information seamlessly and securely. Enhanced cloud services such as Microsoft Teams makes it easy to streamline communication and enhance productivity with hybrid workers.

Easy-to-use Touchscreen Award-winning design that delivers an accurate, responsive user experience, imperative for today's sophisticated workflows.

Technology Focused on Efficiency Innovative features like enhanced auto skew correction ensure jobs come out right the first time, every time.

Versatile Application Integration Easy access to expanded cloud services, quickly connect with mobile devices, including touchless operation with the Sharp Synappx Go app.

Leading Security The Essentials Series uses the latest security technology in today's hybrid working environments to protect endpoint devices from security threats.

10.1" (diagonally measured) customizable touchscreen display.

Pivoting Touchscreen offers the viewing angle for any use instantly.

New Inner Folding Unit option offers a variety of fold patterns, including tri-fold, z-fold and others.

100-sheet RSPF scans documents at up to 80 images per minute.

- **100-sheet RSPF reversing** single-pass feeder scans up to 80 images per minute.

- Flexible paper handling supports **media up to 300 gsm**, allowing users to print on a wide variety of paper stock or media.

- **Smart controller design** ensures MFP firmware is up to date by periodically checking for updates.

- Easily scan documents to Microsoft and PDF file formats, or **direct print** these file types from thumb drives and cloud applications with **optional expansion kits**.

- Energy Star 3.0 certified offers among the lowest standby power consumption in the category.

- Enhanced touchscreen delivers an accurate, responsive user experience and provides easy access to features.

- Collaborate with hybrid workers using optional cloud services – Microsoft Teams, Google Drive™, Dropbox and others.

- Supports native Universal Print from Microsoft, with optional PostScript 3 kit enabling businesses to easily adapt to this popular cloud service.

- Strong, **multi-layered security** includes system integrity check at startup, firmware attack prevention and optional Bitdefender® antivirus to help protect your data.*

- Wireless LAN supports 5 GHz Wi-Fi for stable, **high-speed network communication** (optional).

- **Sharp OSA® Technology** provides a secure and intuitive user experience for integrated workflows (optional).

*Bitdefender antivirus option available summer 2022.

Main Specifications

BP-50C26/50C31/ 50C36/50C45	Base models include multitasking controller, 100-sheet RSPF, PCL® 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. Black and color developer is included.
Type	Color multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax[1]
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Pad fusing/White LED exposure
Originals	Sheets and bound documents
Max. Original Size	11" x 17"
Output Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	26/31/36/45 ppm Mono/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies

First Copy Time (In Seconds)[2]

	BP-50C26		BP-50C31		BP-50C36/50C45	
	Mono	Color	Mono	Color	Mono	Color
Platen Glass:	6.5	7.6	5.6	7.6	4.6	6.5
RSPF:	8.1	9.7	7.6	9.7	7.6	9.7

Warm Up Time	29 seconds (from main power switch on), 18 seconds (from [Power] button on)
Magnification	25% to 400% in 1% increments; (with RSPF 25%-200%)
Original Feed	100-sheet RSPF with original size detection
Scan Speed	Copy: Up to 80 ipm (Mono/Color) Scan: Up to 80 ipm (Mono/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets
Paper Feed System	Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/statement size).
Paper Weights and Types	Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.6 GHz Intel processor
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: 1 host port (front), USB 3.0: 2 host ports; wireless 802.11 a/b/g/n/ac (option)
Memory	Standard 5 GB copy/print (shared)
Solid State Drive	128 GB, 512 GB (option)
Copy Resolution	Scan: 600 x 600 dpi (Mono/Color). Output: Up to 1,200 x 1,200 dpi (Mono), up to 600 x 600 dpi (Color)
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control Modes	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, 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
Account Control	Up to 1,000 users. Supports user-number authentication via local, LDAP and Active Directory for copy, print, scan and document management

Main Specifications (continued)

Output Tray Capacity	Center Exit Tray (Main): 400 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 120 sheets (face down)
Cloud Supported Services	Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Gmail™, Microsoft Teams, MFP Voice[1]
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL/TLS, FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.[1]
Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, user authentication, (local/LDAP/Active Directory), WPA3 wireless, TLS 1.3 Encryption, Kerberos support[1]
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with Sharp Remote Device Manager (available for download)
Device Setup	Web-based management with user/admin level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, document feeder free stop, job programs, remote front panel, universal grip for paper trays, disable screen timeout and voice interaction
Environmental Standards	International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205), EPEAT Gold
Power Source	110-127 V AC, 60 Hz, 15 A Receptacle
Power Consumption	1.5 kW or less
Weight	Approx. 187 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)

Network Printing System

PDL	Standard PCL 6, optional Adobe PostScript 3
Resolution	1,200 x 1,200 dpi
Print Speed	26/31/36/45 pages per minute (8½" x 11")
Print Drivers	Windows 8.1, Windows 10, Windows 11, Windows Server 2012/2016/2019, Windows PPD, Mac® OS (including 10.10 to 12), UNIX®, Linux®, Universal Print (native)
Mobile Printing[1]	Android™ printing framework (Sharp Print Service Plugin), Sharpdesk Mobile, AirPrint®
Print Features	Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, 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, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS) (option)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0/3.0, optional Wireless 2.4/5 GHz
Operating Systems and Environments	Windows 8.1, Windows 10, Windows 11, Windows Server 2012/ 2016/2019, Chrome OS™, OS X 10.10 - macOS 12, Unix®, Linux®, Citrix®, and SAP device types[1]
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, 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-S[1]
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax, Teams Folder, OneDrive, Box, Dropbox
One-touch	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Email Connect	Standard Gmail connector, standard Exchange connector
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME
Software[1]	Sharpdesk Mobile (download), Synappx (download)

Optional Equipment

BP-70ABD	Deluxe Copier Cabinet Base (available summer 2022)
BP-DE12	Stand/1 x 550-sheet Paper Drawer
BP-DE13	Stand/2 x 550-sheet Paper Drawers
BP-DE14	Stand/3 x 550-sheet Paper Drawers
BP-DE15	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
BP-LC10	3,000-sheet Large Capacity Cassette (letter, requires BP-DE12/DE13/DE14/DE15)
MX-LT10	Long Paper Feeding Tray
BP-FN11	50-sheet Staple Inner Finisher
BP-FN13	1K Stacking 50-sheet Staple Finisher
BP-FN14	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
BP-FN15	3K Stacking 65-sheet Staple Finisher
BP-FN16	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
BP-FD10	Inner Folding Unit
BP-RB10	Paper Pass Unit (required for BP-FN13/14/15/16)
MX-PN14B	3-Hole Punch Unit (requires BP-FN11)
MX-PN15B	3-Hole Punch Unit (requires BP-FN13/14)
MX-PN16B	3-Hole Punch Unit (requires BP-FN15/16)
MX-SCX1	Staple Cartridge for BP-FN11/FN13
AR-SC2	Saddle-stitch Staple Cartridge for BP-FN29
MX-SC11	Staple Cartridge for BP-FN15/FN16
MX-SC12	Saddle-stitch Staple Cartridge for BP-FN16
BP-TR12	Right Side Exit Tray
MX-TR20N	Job Separator Tray
BP-TU10	Center Exit Tray
BP-UT10	Utility Table
BP-EB10	Wireless LAN Adapter (includes Bluetooth)
MX-EB19L	Compact PDF Kit
MX-EB20L	OCR Expansion Kit
BP-FX11	Fax Expansion Kit
MX-FWX1L	Internet Fax Expansion Kit
MX-PF10	Bar Code Font Kit
MX-PK13L	Adobe PostScript 3 Kit
MX-PU10L	Direct Print Expansion Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-AMX1L	Application Integration Module
BP-AM10L	Application Communications Module
BP-AM11L	External Account Module
BP-SD10	High Capacity SSD (512 GB)
BP-VD10L	Virus Detection Kit (available summer 2022)
BP-FR12UL	Data Security Kit
DVENDFSV	Generic Vendor Interface Kit

Supplies

BP-NT70BA	Black Toner Cartridge
BP-NT70CA	Cyan Toner Cartridge
BP-NT70MA	Magenta Toner Cartridge
BP-NT70YA	Yellow Toner Cartridge
BP-NV70BA	Black Developer
BP-NV70SA	Cyan/Magenta/Yellow Developer
BP-DR70SA	Drum

[1] Some features require optional equipment. See your local dealer.

[2] May vary depending on product configuration, machine settings and operating and/or environmental conditions.

Design and specifications subject to change without notice.

OSA — Sharp Open Systems Architecture

SYNAPPX

AirPrint

Qualcomm® DirectOffice™

epeat GOLD

ENERGY STAR