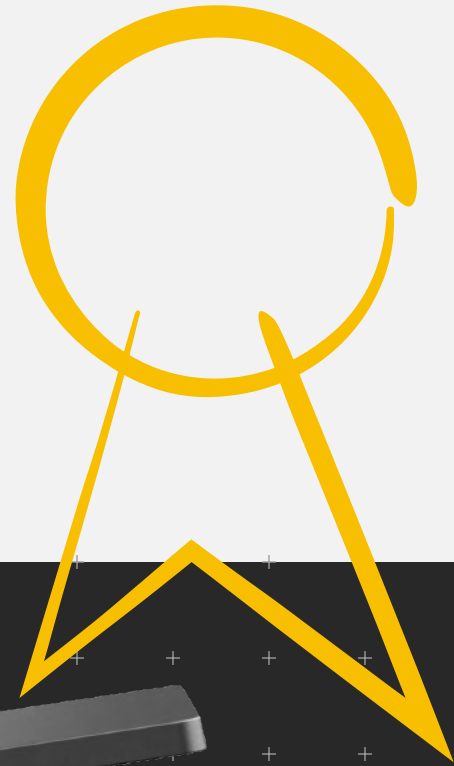


# Professional quality you can count on

The ECOSYS MA4500ix combines priceless reliability with consistently high output quality from the first print to the last. The perfect fit for small to medium-size workspaces, this ECOSYS device also offers low energy consumption and high-end security capabilities.



**ECOSYS MA4500ix**



**Black and white A4 MFP**

**Up to 47 pages per minute**

**Duplex printing and scanning**

ECOSYS MA4500ix

## BASIC SPECIFICATIONS

**Configuration:** Multifunctional Printer - Print/Copy/Scan  
**Pages per Minute:** Letter: 47 ppm; Legal: 38 ppm  
**Duplex Print Speed:** Letter: 23.5 ppm; Legal: 19 ppm  
**Display:** 7" Color Touch Screen Control Panel (TSI)  
**Warm Up Time:** 23 Seconds or Less (Power On)  
**First Page Out Time:** Copy: 6 Seconds or Less (with Document Processor), 7 Seconds or Less (without Document Processor), Print: 5.3 Seconds or Less  
**Resolution:** 600 x 600 dpi, Fine1200 (1200 x 1200 dpi) and Fast1200 (1800 x 600 dpi) Interpolated Resolution  
**Memory:** Std/Max: 1.5 GB / 3.5 GB  
**Dimensions / Weight:** 18.7" W x 18.7" D x 22.6" H / 49.16 lbs.  
**Maximum Monthly Duty Cycle:** 150,000 Pages per Month

## POWER CONSUMPTION

**Electrical Requirements:** 120V, 60Hz, 10A; 220-240V, 50/60Hz, 5.6A  
**Typical Electricity Consumption (TEC):** 120V: 0.64, 220-240V: 0.62 kWh/week  
**Maximum (including Options):** 120V: 1,197W, 220-240V: 1,270W  
**Copy / Printing:** 120V: 586.7/603.7 W; 220-240V: 599.4/591.9 W  
**Ready Mode:** 120V: 55.1 W; 220-240V: 57.2 (54.2) W  
**Sleep Mode:** 120V: 0.5 W; 220-240V: 4.0 or less (0.5) W  
**Power Off:** 120V: 0.1 W; 220-240V: 3.0 or less (0.1) W

## PRINTER SPECIFICATIONS

**Standard Controller:** ARM Cortex-A53 Dual Core 1.4GHz (for printing) & ARM Cortex-M3 100MHz (for energy saver)  
**PDLs / Emulations:** Common: PCL6 (PCL XL/PCL 5c), KPDL3 (PostScript3 compatible & AES Support), PDF with KPDL3 setting, XPS/Open XPS, Common Image Format: TIFF (KPDL3; ON), JPEG (KPDL3; ON), URF, PWG Raster, PCLm, World: IBM Proprietary, EPSON LQ-850, LinePrinter  
**Fonts:** Outline: 93 Fonts (PCL 6/KPDL3), 4 Fonts (Calibri/Cambria); Bitmap: 1 Font, 79 Outline Fonts Graphics: Supporting PRESCRIBE + JPEG image commands, One-Dimensional Barcode: 45 Type; Two-Dimensional Barcode: PDF417 1 Type  
**Windows OS Compatibility:** Windows 8.1, Windows 10 (32/64/arm64), Windows 11 (32/64/arm64), Windows Server 2012/R2, 2016, 2019  
**MAC OS Compatibility:** Requires Mac OS X v10.5 or Later  
**Linux OS Compatibility:** Linux Distro version: Debian 11, Ubuntu 20.04, RHEL 8, CentOS Linux 8, Fedora 34, 35, OpenSUSE 15.3  
**Interface:** 10BASE-T/100BASE-TX/1000BASE-T(TCP/IP, NetBEUI), 1 High-Speed USB 2.0, 1 High-Speed USB 2.0 Host, 1 Expansion Slot; Optional: Wireless IB-37/38 LAN (Approx. 98 ft Range & Wi-Fi Direct), IB-51 (Approx. 328 ft Range); IB-50 Dual LAN NIC  
**Mobile Printing:** KYOCERA Mobile Print, KYOCERA My Panel, KYOCERA Print Service Plug-in, Apple AirPrint®, Mopria®, and Wi-Fi Direct<sup>†</sup>  
**Network Print and Supported Protocols:** Network printing: TCP/IP, FTP, LPR, Port 9100, NetBEUI, Apple Bonjour; Internet printing: IPP/1.0 (Some 1.1 functions are also supported); E-mail printing: Data printing of E-mail received data, Data format: PDF, PS, Text, TIFF, JPEG, XPS, OpenXPS; Secure printing: IPP over TLS; Web PAGE Function; WSD Print: WSD Compliance Scan/Print; PDF direct print: Use "KYOCERA NET Direct Print", PDF Ver. 2.0, Encryption PDF, TIFF, JPEG, XPS Mode; MPT Priority Function: 1) OFF, 2) ON, 3) Auto paper

feed; Pull printing: Option, Support with KYOCERA NET Manager, Supports job selection and output by registered user, Authentication from the panel or IC-Card authentication kit (B); Connectivity: Plug & Play (USB), SNMP (Printer MIB Support), HTTP (Command Center RX: web page), PnP-X (WS-Discovery for WSD Print Service), Apple Bonjour  
**Drivers:** KX Driver, PCL Mini Driver, KPDL Mini Driver, Windows Inbox Driver, Network FAX Driver, TWAIN Driver (Network, USB, and BOX), WIA Driver (Network and USB), MAC Driver, Linux Driver  
**Utilities:** KYOCERA Net Direct Print, Status Monitor, File Management Utility, KYOCERA Print Center, KYOCERA Quick Scan, Web Installer, KYOCERA Device Manager, KYOCERA Net Viewer, Quick Network Setup, Maintenance Menu, Wi-Fi Setup Tool, Firmware Upgrade Tool, Remote Panel, Command Center RX; KYOCERA Fleet Services (KFS) Ready  
**Additional Print Features:** HyPAS capable<sup>‡</sup>, EcoPrint, Private Print, Proof and Hold, Quick Copy and Job Storage<sup>‡</sup>, Print Priority Setting, Job End Notification

## SECURITY SPECIFICATIONS

Local and Network Authentication, Encryption Communication (IPsec, HTTPS, LDAP over TLS, SNMPv3, SIEM/Syslog, SMTP over TLS, POP over TLS), Optional TPM (Trusted Platform Module) chipset when UG-50 is attached, SCEP, OSCP/CRL (CRL: W/option Memory), ECDSA, Secure Boot, Run Time Integrity Check, Support for FIPS 140-3 (option SSD), Common Criteria (ISO/IEC-15408/EAL2 W/SSD), HDD Overwrite when optional storage device is attached, IPP over TLS, HTTP over SSL/TLS, FTP over SSL/TLS, Enhanced WSD over SSL/TLS,

## SCAN SPECIFICATIONS

**Scan Type:** Color and Black & White Scanner  
**Scan Resolution:** 300dpi x 300dpi, 200dpi x 200dpi(Default), 200dpi x 100dpi, 600dpi x 600dpi, 400dpi x 400dpi, and 200dpi x 400dpi  
**Scanning Functions:** Banner Scan, Scan Resolution, Line Skip, File Separation, Blank Page Skip Scan, WSD Scan (WIA Driver), PC Send (SMB Version 3.0), E-mail Send (SMTP), FTP Send (FTP, FTP over SSL), USB Send (USB), TWAIN Scan (KM-WSDL Scan Operation Service – TWAIN Driver), WIA Scan (KM-WSDL Scan Operation Service – WIA Driver), WSD Scan (WIA Driver), ChromeOS(Scan) (eSCL), AirPrint (eSCL), Mopria (eSCL)  
**File Formats:** Standard: TIFF (MMR compression), XPS, OpenXPS, JPEG, PDF/A, PDF (MMR Compression, High Compression, and Encryption). Option: Searchable PDF, MS Office File.  
**Scan Speeds: Simplex BW/Color:** @200dpi and @300 dpi: 62ipm/42ipm; @600 dpi: 42ipm/22ipm  
**Duplex (RADP) BW/Color:** @200dpi and @300 dpi: 27ipm/18ipm; @600 dpi: 18ipm/9ipm

## COPY SPECIFICATIONS

**Image Mode:** Map/Diagram: (256 tones & 2 bits/dot (FM), Text: (256 tones & 2 bits/dot (FM), Photo: (256 tones & 2 bits/dot (AM), Text + Photo: (256 tones & 2 bits/dot (FM)  
**Continuous Copy:** 1-999  
**Job Management:** Address Book: 200 (HyPAS), Job Accounting: 100 (HyPAS), Panel Program: 20 (HyPAS), Shortcut: 6 (HyPAS)  
**Magnification / Zoom:** 7 Reduction, 5 Enlargement Preset Ratios, 25 - 400% in 1% Step Increments  
**Additional Features:** Auto Duplex (One-sided to Two-sided and Two-sided to Two-sided), Continuous Scan, Blank Page Skip Copy, Line Skip Copy, ID Card Copy

## DOCUMENT PROCESSOR

**Type / Capacity:** Reverse Automatic Document Processor (RADP) / 75 Sheets  
**Acceptable Originals:** Statement to Legal (5.5" x 8.5" – 8.5" x 14")  
**Acceptable Weights:** Simplex / Duplex: 13 - 32lb Bond (50 – 120gsm)

## PAPER SUPPLY

**Standard Paper Sources:** Single 500 Sheet Drawer, 100 Sheet Multipurpose Tray  
**Standard / Maximum Paper Sources:** 2 / 6 Including Multipurpose Tray  
**Standard / Maximum Paper Capacity:** 600 Sheets / 2,600 Sheets  
**Paper Size:** Standard and MPT: Statement to Legal (5.5" x 8.5" – 8.5" x 14"), Custom; MPT: Envelope, Banner  
**Paper Weight:** Standard / Optional Drawers: 16 lb. Bond – 32 lb. Bond (60 – 120gsm); MPT: 16 lb. Bond – 110 lb Index (60 – 220gsm)  
**Standard Output Tray Capacity:** 250 Sheets (Face Down)  
**Input Materials:** Standard / Optional Drawer: Plain Paper, Bond Paper, Recycled Paper; MPT: Plain Paper, Bond Paper, Labels, Recycled, Letterhead, Envelopes, OHP, Thin/Thick Paper, Coated, Banner

## PAPER HANDLING OPTIONS

**PF-3110:** Paper Feed Cassette (500 sheets x 4)  
**Paper Size:** Statement to Legal (5.5" x 8.5" – 8.5" x 14"), Envelope, Custom  
**Dimensions / Weight:** 14.9" W x 16.1"D x 4.8" H / 8.4 lbs.

## ADDITIONAL OPTIONS

**Print Management:** ThinPrint (UG-33)  
**Security:** Card Authentication Kit(B)  
**SD Card:** 16 and 32 GB  
**SSD:** HD-17: 64 GB SSD / HD-18: 256 GB SSD / HD-19: 512 GB SSD  
**Wireless LAN:** IB-37, IB-38, and IB-51 (does not support HyPAS or KFS).  
**Additional NIC:** IB-50 Gigabit NIC  
**Optional Memory:** 2 GB DIMM Memory (DDR3)  
**Other:** Scan Extension Kit (A), USB Keyboard (Customer Supplied)

## NOTE:

<sup>†</sup>Requires Optional IB-37 or IB-38  
<sup>‡</sup>Requires Optional Scan Extension Kit (A)  
<sup>‡</sup>Requires SD Card, HD-17, HD-18, or HD-19

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