KYOCERA
Document Solutions

> **PRINT**

ECOSYS FS-4100DN

MONOCHROME
LASER PRINTER
FOR A4 FORMAT

THE FLEXIBLE A4 MONOCHROME DEVICE FOR WORKGROUPS

ECOSYS ®

With an exhilarating 45 pages per minute, an integrated network interface and duplex functionality, the FS-4100DN is the perfect device for busy workgroups. It accommodates different user needs, by offering flexible paper handling, memory options, and controller functionality. The FS-4100DN also boasts enhanced security features and a very low cost per page.

> Up to 45 pages per minute in A4
> Fine 1,200 dpi resolution
> Standard duplex unit for double-sided printing
> 100-sheet multi-purpose tray
> 500-sheet universal cassette
> Direct PDF Print from USB Flash memory device
> Exceptionally low printing costs in its class

ECOSYS stands for ECOlogy, ECOnomy and SYStem-printing. With long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly, and the drum units every 500,000 pages. The modular design concept allows you to add workflow-enhancing functions as required. Integrated system software provides long-term cross-network compatibility. Kyocera's long-life components cost you and the environment less.

PRESCRIBE

With the Kyocera page design and control language PRESCRIBE even complex graphics, logos and forms (multipart forms) can be created independently on the system and saved and updated in the printer. Consequently, integration into print files no longer applies. They are only accessed as required and therefore relieve the load on the network.

The KYOCERA NetViewer

The KYOCERA NetViewer enables complete monitoring and control of all ECOSYS printers and digital Kyocera multifunction units from any Windows© PC and thus provides ideal network administration. It also supports the standardised SNMP protocol.

Status Monitor and Command Centre

The Status Monitor shows the current printers condition and gives direct access to the Command Centre for the modification of settings that are not contained in the drivers (e.g. network settings, adjustment of sleep mode or blocking of the control panel).

USB Host Interface for USB Flash Memory

PDF files can be printed directly from a USB Flash Memory (e.g. USB stick) via the USB host interface. Documents are selected directly via the printer's control panel. No computer is required.

GENERAL

Technology: Kyocera ECOSYS Laser

Engine Speed:
Up to 45 A4 pages per minute

Warm-up time: 15 seconds or less

Time to first print: 9 seconds or less

Resolution: 1,200 dpi

Memory: Standard 256MB, upgradeable to 1,280MB

Power Source: 220-240V, 5.2A

Dimensions (W x D x H) / Weight:
380 x 416 x 320 mm / 14.6kg

Power Consumption:
Print: 618w
Sleep mode: 1.6w

PAPER HANDLING

Standard Paper Sources: 500 Sheet Drawer, 100 Sheet Multi-Purpose Tray

Standard / Maximum Paper Sources: 2 / 6 including Multi-Purpose Tray

Standard Paper Drawer Size / Weight: Letter, Legal, A4, A5, B5, A6R, Custom 5.83" x 8.27" / 60 - 120 g/m²

Standard Duplex Paper Size / Weight: Letter, Legal, A4, A5 / 60 - 120 g/m²

Standard / Maximum Paper Capacity: 600 / 2,600 Sheets

Multi-Purpose Tray Paper Size / Weight: Letter, Legal, A4, A5, B5, Custom 4.13" x 5.83" / 60 - 220 g/m²

Output Capacity: 500 Sheets

Duplex Printing: Standard Duplex, 32 Pages Per Minute (A4)

CONTROLLER

CPU / MHz: Embedded Power PC 465 / 750MHz

PDL / Emulations: PRESCRIBE, PCL6 (PCL5e/PCLXL, PCL5c), KPDL3, Line Printer, IBM Proprinter X24E, EPSON LQ850

Direct Print: USB: TIFF, JPEG, XPS, PDF (version 1.7)

Fonts: 93 Scalable Fonts for PCL/Postscript, 93 Fonts for KPDL3, 8 Fonts for Windows Vista, 1 Bitmap Font

Barcodes: 1 Dimensional: 45, 2 Dimensional: 1 (PDF417)

Supported Client Operating Systems: Certified for Microsoft® Windows Vista® 32/64-bit, Windows XP® 32/62-bit, Windows Server 2003 32/64-bit, Windows Server 2008 32/64-bit, Mac OS X v10.39, v10.4, v10.5 and later; Linux, Windows 7 32/64-bit

Supported Network Operating Systems: Microsoft Windows, Server 2003, XP, Vista, 2003 64-bit, XP 64-bit, (for Microsoft IPv6 compatible with Windows 2003, XP, and Vista); Novell 5.1 and Later; Mac OS X 10.2.8, v10.3, v10.4, v10.5 and later; Linux, Unix

Printer Management: Status Monitor, Command Center RX Web Interface, Kyocera Net Admin, Kyocera Net Viewer

Connectivity / Interfaces: Standard 10/100BASE-TX/1000BASE-T, High Speed USB 2.0, e-KUIO, USB-Host x 2

Network Protocols: IPv6: HTTP, LPD, FTP, IPP, RawPort, ICMPv6, LLTD, SNTP, DHCPv6, SMTP, POP3, DNS, SNMPv1/v2c/v3,WSD

Security: Ipsec, 802.1x, SSL/TLS (HTTPS), SNMPv3

Drivers: KX Driver For Windows, Mini Drivers, KX(XPS) Driver, PPD for Mac, PPD for Linux/UNIX, Windows 64 Bit Drivers

Departmental Accounting: 100 Department Codes

Additional Print Features: LCD Operation Panel, N-Up Printing, Private Print, Document Storage, EcoPrint Mode, Poster Mode, Internet Printing IPP 1.0 or 1.1

Multi Language Support: English, Italian, French, Spanish, German, Portuguese, Dutch, Russian

CONSUMABLES

Microfine toner for 15,500 pages A4, at 5% coverage, in accordance with ISO19752

Capacity of starter toner is 8,000 pages A4, at 5% coverage, inaccordance with ISO/IEC 19752

Maintenance Kit MK-3114: Installed every 500,000 pages

OPTIONS

PF-320 Paper Feeder: 500 Sheets; Letter, Legal, A4, A5, B5; 60-120 g/m²

PF-315+ Paper Feeder: 2,000 Sheets; Letter, A4, B5; 60-120 g/m²

Memory upgrade:
DIMM-512P: 512MB or DIMM-1GBP: 1,024MB
1 slot available for memory upgrade

HD-6 SSD: 32GB for forms, fonts, virtual mailbox and more

SD Card (up to 32GB): 1 slot (up to 4 GB) for printing forms, fonts, logos, macro storage

Optional interface:
IB-32: IEEE1284 Parallel Port
IB-50: Gigabit Ethernet
IB-51: Wireless LAN interface