



# Software enabler with stunning low running costs.

This 45 ppm MFP is the best choice for demanding work groups (small to large) looking for a compact, flexible and easy-to-use device combined with outstanding low running costs.



**ECOSYS M3645idn**



**Compact design with full functionality**

**Minimises your running costs**

**Up to 45 pages per minute in A4 B&W**

ECOSYS M3645idn

## Specifications

### ECOSYS

The ECOSYS M3645idn incorporate extremely durable components that guarantee efficient and reliable operation, to meet the demanding requirements of busy office environments. They combine effective productivity and maximum flexibility whilst ensuring minimum impact on the environment.

### ECOSYS M3645idn

#### GENERAL

**Technology:** KYOCERA ECOSYS, Laser, Black & White, HyPAS™ solution platform

**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification, Tilt Mechanism

**Type:** Desktop

**Engine speed:** Up to 45 pages A4 per minute

Duplex print speed: 22.5 page per minute, A4

Duplex copy speed: 22.5 page per minute, A4

**Resolution:** 1200 x 1200 dpi (print), 600 x 600 dpi (scan/copy)

**Warm-up time:** Approx. 21 seconds or less

**Time to first print:** Approx. 5.9 seconds or less in b/w

**Time to first copy:** Approx. 7 or less in b/w (DP), Approx. 7 or less in b/w (Platen)

**CPU:** ARM Cortex-A9 Dual core 1.2GHz + ARM Cortex-M3 100MHz

**Memory:** Standard 1GB, Max. 3GB + 128GB SSD

**Standard interface:** USB 2.0 (Hi-Speed), 2 x USB Host

Interface, Gigabit Ethernet (10BaseT/100BaseTX/

1000BaseT, IPv6, IPv4, IPsec), optional Wi-Fi (IEEE

802.11b/g/n), 1 eSATA slot for optional internal print

server, Slot for optional SD Card

**Integrated accounting:** 100 department codes

**Dimensions (W x D x H):** 475 x 476 x 575 mm

**Weight:** Approx. 22.5 kg

**Power source:** AC 220 ~ 240 V, 50/60 Hz

**Power consumption**

Printing: 630 W

Copying: 652 W

Low power mode: 29 W

Ready mode: 50 W

Sleep-mode: 0.5 W

**Noise (sound pressure level: ISO 7779/ISO 9296)**

Copying/Printing: 54 dB (A)

Stand-by: 30 dB (A)

**Safety standards:** AS/NZS3260

This unit is manufactured according to ISO 9001 quality

standard and ISO 14001 environmental standard.

#### PAPER HANDLING

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.

**Input capacity:**

Multi-purpose tray: 100 sheets, 60–220g/m<sup>2</sup>, A4, A5, A6, B5,

B6, Letter, Legal, Folio, Custom (70 x 148 to 216 x 356 mm).

Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>,

A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (140 x 148 to 216

x 356 mm). Max. input capacity with options: 2,600 sheets A4

**Duplex:** Standard duplex unit, 60–120 g/m<sup>2</sup>, A4, A5, B5,

Letter, Legal

**Document processor:** Reverse Auto Document Processor:

standard, 75 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5, Letter,

Legal, Custom (105 x 148 to 216 x 356 mm)

**Output capacity:** Max. 250 sheets face-down

#### PRINT FUNCTIONS

**Controller language:** PRESCRIBE II

**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG

Direct Print Support, Open XPS, Line Printer, IBM Proprinter X24E, Epson LQ-850

**Operating systems:** All current Windows operating systems, MAC OS X Version 10.8 or higher, Unix, Linux as well as other operating systems on request

**Fonts/barcodes:** 93 outline fonts (PCL6/KPDL 3), 8 fonts

(Windows), 1 Bitmap font, 45 types of one-dimensional

barcodes, 1 type of two-dimensional barcode (PDF417)

**Print features:** PDF Direct Print, IPP printing, e-mail

printing, WSD print, secure printing via SSL, IPsec, SNMPv3

**Mobile printing support:** KYOCERA Mobile Print app for iOS

and Android, KYOCERA MyPanel, AirPrint, Mopria, Direct

Wi-Fi (Opt), Google cloud print

#### COPY FUNCTIONS

**Max. original size:** A4/Legal

**Continuous copying:** 1–999

**Zoom range:** 25–400% in 1% steps

**Pre-set magnification ratios:** 7 Reductions / 5 Enlargements

**Image adjustments:** Text + Photo, Photo, Text, Chart/Map,

Printing Document

**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1,

auto cassette change, Skip blank page

#### SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB,

Scan to USB Host, Scan-to-Box, Network TWAIN, WIA,

WSD scan

**Scan speed:** 60 ipm (300 dpi, A4, b/w), 40 ipm (300 dpi,

A4 colour), 26 ipm (300 dpi, A4, b/w) (Duplex), 17 ipm

(300 dpi, A4 colour) (Duplex)

**Scan resolution:** 600, 400, 300, 200 dpi, 256 greyscales

per colour

**Max. scan size:** A4, Legal, Banner paper (max 915mm)

**Original recognition:** Text, photo, text + photo, light text,

optimised for OCR

**File types:** TIFF, JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A1a/b,

PDF/A-2a/b/u, Encrypted PDF, High compression PDF, MS

Office file and Searchable PDF (optional Scan Extension Kit(A)

is required)

**Compression method:** MMR/JPEG

**Features:** Banner Scan, Colour scan, integrated address book,

Active Directory support, encrypted data transfer, multi send

(e-mail, fax, SMB/FTP folder, print) at once, Blank page skip

#### FAX FUNCTIONS

**Compatibility:** Super G3

**Modem speed:** Max. 33.6 kbps

**Transmission speed:** Max. 3 seconds (JBIG)

**Scanning speed:** 2.0 seconds or less

**Address book:** 200 entries

**Scanning density:**

Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)

Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)

Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)

Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)

Halftone: 256 grey scales

**Maximum original size:** A4/Legal, Banner (max 915mm)

**Compression method:** JBIG, MMR, MR, MH

**Memory reception:** 256 sheets or more

**Features:** Network fax, duplex transmission and reception,

encrypted transmission and reception, polling transmission and

reception, broadcast

#### CONSUMABLES

Average continuous toner yield in accordance ISO/IEC 19798

**Toner Kit:** TK-3164, Micro fine black for 12,500 pages A4,

Capacity of starter toner is black 6,000 pages

#### OPTIONS

**Scan Extension Kit (A):** Scan to searchable PDF (embedded

OCR) or to MS Office (docx, xlsx, pptx)

\*HD-6, HD-7 or SD-card is needed.

**Paper handling**

PF-3110 Paper feeder (max 4 units): 500 sheets, 60–220

g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (92 x 162 mm to 216 x

356 mm)

**Storage**

HD-6 SSD: 32 GB for easy document management

HD-7 SSD: 128 GB for easy document management

**Security**

**Data Security Kit (E):** In line with ISO 15408 (Common Criteria)

with security level EAL2

\*HD-6, HD-7 or SD-card is needed

**Memory upgrade:** 512MB/1GB/2GB

**UG-33:** ThinPrint support

**USB IC Card Reader + Card Authentication Kit (B):** Support

for various authentication keys available

**IC Card Reader Holder 10:** To integrate the USB IC Card

**Optional interface**

**IB-32 B:** IEEE1284 Parallel Port

**IB-36:** Direct Wi-Fi Interface & WLAN Interface

**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000

BaseT

**IB-51:** Wireless LAN Interface (802.11b/g/n)

**Cabinet**

**CB-360W Cabinet High:** Wooden desk with storage

capacity. Approx. 38 cm x 41 cm x 51 cm (W x D x H)

**CB-365W Cabinet Low:** Wooden desk with storage

capacity. Approx. 38 cm x 41 cm x 25 cm (W x D x H)

Simplified login possibilities eliminate access bottlenecks while keeping the security of your documents high. The document workflow can easily be optimised thanks to the individually customisable colour touch panel and the integrated open solution platform HyPAS™. Its long-life components provide exceptional reliability and low running costs, and help keep the environmental and financial impact to an absolute minimum.





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