

# d-Copia

## 4513MF, 4514MF

### PRODUCTIVITY AND VERSATILITY WITH MINIMAL ENVIRONMENTAL IMPACT

d-Copia 4513MF and d-Copia 4514MF, monochrome A4 multifunction systems, with deliveries of **45 ppm**, are the ideal solution for dynamic work teams of medium to large dimensions.

These machines respond perfectly to the need for **versatility and productivity**, simplifying work flows through a scanner-embedded file compression function able to rationalise the task of digitising and sending large volumes of electronic documents.

Long life components combined with **low energy consumption levels** contribute towards **reducing management costs**.

Wide mobile connectivity and the security provided by the optional Data Security Kit satisfy even the most demanding requirements.



# TECHNICAL SPECIFICATIONS

## GENERAL

**Type:** Desktop Printer/Scanner/Copier, d-Copia 4514MF only also Fax

**Technology:** Mono Laser

**Print/copy speed (per minute):** Up to 45 ppm A4  
**Print/copy speed in duplex (per minute):** Up to 22.5 ppm A4

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

**Resolution:** 1,200 x 1,200 dpi (print), 600 x 600 dpi (scan/copy)

**Operator panel:** 5-row backlit LCD Display with Speakers for job notifications

**Warm-up time:** Approx 16 secs or less

**Time for first print:** Approx 5.9 secs or less

**Time for first copy from DP:** Approx 7 secs or less

**Time for first copy from MF bed:** Approx 7 secs or less

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

**Standard interfaces:** USB interface connector: 1 (Hi-Speed USB); Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T); Optional interface (optional): 1 (for IB-50 /IB-51); Wireless LAN (optional): 1 (for IB-36)

**Embedded counter:** 100 dept codes

**Duty Cycle (pages/month):** 13000

**Weight:** Approx 22.3 Kg

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

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

**Energy consumption in print/copy mode:** 630 W / 652 W

**Energy consumption in ready mode:** 50 W

**Energy consumption in rest mode:** 0.5 W

**Noise levels (as defined in ISO 7779/ISO 9296):**

Printing: 54 dB(A) LpA

Standby: 30 dB(A) LpA

**TEC (kWh/wk):** 2.24

**Security standards:** GS, TÜV, CE.

*This product has been manufactured by a company operating in conformity with ISO 9001 Quality Standards and ISO 14001 Environmental Directives; RoHs compatibility.*

## PAPER HANDLING

**Universal bypass:** 100-sheet, 60 – 220 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Custom (70 x 148 mm - 216 x 356 mm)

**Standard drawer:** 500-sheet, 60 – 120 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Custom (140 x 148 mm - 216 x 356 mm);

Optional paper drawer, PF-3110 500-sheet, 60 – 120 g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm); (max 4 additional drawers)

**Paper input capacity, maximum:** 2600-sheet A4 (with additional drawers)

**Automatic document feeder in duplex:** 75-sheet RADF 50-120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (105 x 148 mm - 216 x 356 mm)

**Paper output capacity:** Max 250 sheets face-down

**Standard duplex functionality:** 60-120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal

## PRINT FUNCTIONS

**Print speed per minute:** Up to 45 ppm A4

**Emulations:** PCL 6 (5c/XL), KPDL 3 (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 later, UNIX, LINUX

**Barcodes/Fonts:** 93 scalable fonts (PCL6/KPDL3), 8 fonts (Windows), 1 Bitmap font, 45 one-dimensional barcode types and 1 two-dimensional barcode type (PDF-417)

**Mobile printing support:** Olivetti Mobile Print for iOS and Android, AirPrint, Direct Wi-Fi (optional), Google Cloud Print

**Print functions:** PDF direct printing, IPP printing, E-mail printing, WSD printing, SSL-protected printing, IPsec, SNMPv3

## COPY FUNCTIONS

**Copy speed, maximum:** 45 ppm A4

**Reduction/enlargement ratios:** 7 Reductions/5 Enlargements Originals format, maximum: A4

**Continuous copying:** 1 – 999

**Zoom:** 25 – 400% in steps of 1%

**Image adjustment:** Text + Photo, Photo, Text, Map, Printed document

**Other functions:** Electronic sort, ID Card copy, 2 in 1, 4 in 1, Auto drawer selection, Blank page skip

## SCAN FUNCTIONS

**Functionalities:** Scan to email (SMTP) Scan to FTP over SSL, Scan to SMB, Scan to USB Host, Scan to Twain Box (network), WSD, WIA

**Scan speed:** Up to 60 ipm (A4, 300 dpi, mono), 40 ipm (A4, 300 dpi, colour); duplex: 26 ipm (A4, 300 dpi mono), 17 ipm (A4, 300 dpi, colour)

**Scan resolution:** 600 dpi, 400 dpi, 300 dpi, 200 dpi, 256 grey scales

**Scan format, maximum:** A4

**Originals recognition:** Text, Photo, Text+Photo, Light text/Fine line, OCR-optimised text

**Image format:** TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, encrypted PDF, high compression PDF

**Compression method:** MMR/JPEG

**Other features:** Banner scan, Colour scan, Integrated address book, Active Directory support, Encrypted data transfer, Simultaneous multi send (e-mail, fax, FTP/SMB folder, print), Blank page skip

## FAX FUNCTIONS (D-COPIA 4514MF ONLY)

**Compatibility:** ITU-T Super G3

**Modem speed:** Max. 33.6 kbps

**Transmission speed:** Under 3 seconds

**Scan speed:** 2 secs/page or less

**Fax resolution:** Normal 200 x 100 dpi, Fine 200x200 dpi, Superfine 200 x 400 dpi, Ultra-fine 400 x 400 dpi  
Originals format, max: A4, Legal, Banner (915 mm max)

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

**Address book:** 200 entries

**Multiple transmission:** Up to 100 destinations

**Reception memory:** 256 pages or more

**Other features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast

## CONSUMABLES

*Average toner life time is compliant with ISO/IEC 19752 standard*

**Black toner cartridge (B1228):** Up to 12,500 A4 pages (toner in supply up to 6,000 pages)

**Maintenance kit (B1287):** Up to 300,000 pages

**Sheet Feeder Maintenance kit (B1144):** Up to 200,000 pages

## OPTIONS

**Paper drawer (B3637):** PF-3110, 500-sheet (max 4 optional drawers)

**CB-365 L (B3687):** Cabinet with paper compartment (low) 38 cm x 41 cm x 25 cm

**CB-360 H (B3686):** Cabinet with paper compartment (tall) 38 cm x 41 cm x 51 cm

**Additional memory:** DDR3; MD3-1024 1 GB; MDDR3-2GB

**HD-6 (B4369):** SSD 32GB Hard disk for easier document management

**HD-7 (B4844):** SSD 128 GB Hard disk for easier document management

**Data Security Kit(E) (B5679):** d-Copia 4514MF is also compliant with ISO 15408 (Common Criteria) supporting EAL2 security level

**IB-36 (B3406):** Wireless network interface (802.11b/g/n) with Wi-Fi Direct

**IB-50 (B4805):** Gigabit Ethernet 10BaseT/100BaseTX/1000BaseT

**IB-51 (B4933):** Wireless network interface (802.11b/g/n)

**UG-33 (B8403):** ThinPrint support

**USB IC-Card Reader + Card Authentication kit (B):** Support for various types of authentication/ card / badge reader

**Card Reader Holder 10 (B4845):** Plastic holder for incorporating badge reader on control panel