

# d-COLOR

MF254/MF304/MF364

## INNOVATION THAT MAKES ITS MARK

Designed to deliver **the highest standard of print quality both in mono and colour**, even under heavy volume conditions, the new **d-Color MF254, d-Color MF304 and d-Color MF364** A3 colour multifunctional systems are ready to be put to the test.

Customer research has shown these models **provide superior performance and quality** while being very **simple to use**, which is the result of a **new user interface** and the ability to **connect to mobile devices and Cloud platforms**.

Their **consumables have been designed to offer maximum yield** for even greater cost savings and improved care for the environment. **Paper quantities and handling** can be **customised** to suit different workflow volumes and **energy absorption has been further reduced**. What is more, most of the **components** continue to be made from **recycled and recyclable materials**.

**Data security** is assured through the added benefit of **hard disk mirroring** which is available on these new models.



**COLOUR MULTIFUNCTIONAL DIGITAL SYSTEMS**

**SPEED 25 PPM (d-Color MF254), 30 PPM (d-Color MF304) & 36 PPM (d-Color MF364) IN COLOUR AND MONO**

**9" TOUCH SCREEN WITH NEW INTUITIVE USER INTERFACE**

**BLUETOOTH AND NEAR FIELD COMMUNICATION (NFC) CONNECTION AREA INTEGRATED WITHIN OPERATOR PANEL**

**INTEGRATED WEB BROWSER, AIRPRINT® AND GOOGLE CLOUD PRINT**

**GREAT PAPER CAPACITY UP TO 6,650 SHEETS**

**SECOND OPTIONAL HARD DISK WITH 'MIRRORING' FUNCTION**

**REDUCED ENERGY ABSORPTION**

**OCR SCANNING OF "SEARCHABLE PDF" FILES OR OPTIONAL MICROSOFT OFFICE OPTIMISED FILES**

# d-COLOR

## MF254/MF304/MF364

### A HARD WORKER WITH GREAT CHARACTER

**Performance, reliability, quality and competitive costs** are just some of the factors behind the success of predecessors to the d-Color MF254, d-Color MF304 and d-Color MF364 multifunctional systems. The **upgraded, improved versions** are enhanced with many **new benefits and features** specially developed to meet all the demands of the modern office.

### OPERATIONAL SIMPLICITY

The d-Color MF254, d-Color MF304 and d-Color MF364 feature a **new 9" touch-panel integrated with an intuitive user interface** developed in line with technology found on PCs, tablets and smartphones.

The physical aspect of the interface and its functionalities can be **customised to meet specific usage needs**, through the use of "**widgets**" to enable operational notes or notifications.

### CONNECTED WHEREVER YOU ARE

**AirPrint®**, provided as standard, allows **printing from an iOS device** (from iOS version 4.2 to 10.7 and later) and **compatibility with Google Cloud Print**, through the installation of a specific software connector.



*New area for Near Field Communication (NFC) Authentication*



*Configuration with FS-534SD Finisher, PC-410 Tray, LU-302 Large Capacity Tray, and DF-704 Document Feeder*

On the operator panel there is a special area allowing connection with **NFC** (Near Field Communication) **technology devices** for authenticating users or using Bluetooth (optional).

Finally, these new models have a **web browser** as standard, allowing internet usage and users to print web pages directly from the machine.

### HIGH LEVEL PERFORMANCE AND RELIABILITY

The d-Color MF254, d-Color MF304 and d-Color MF364 are designed for handling **high volumes of print**. The **basic paper capacity of 1,150 sheets** can be increased up to 6,650 with the new LU-302 Large Capacity Tray for holding up to 3,000 A4 sheets.

**Front trays are now removable** allowing paper jams to be cleared quickly and easily. The FS-533 500-sheet finisher can be integrated inside the new models, instead of the 3,000-sheet FS-534 side finisher, with the mandatory addition of the new RU-513 connection option. In both cases, hole-punch options are available.

The new optional IC-416 Fiery Controller is available for graphic arts applications, with related VI-508 video interface.

## SECURITY IS A TOP PRIORITY

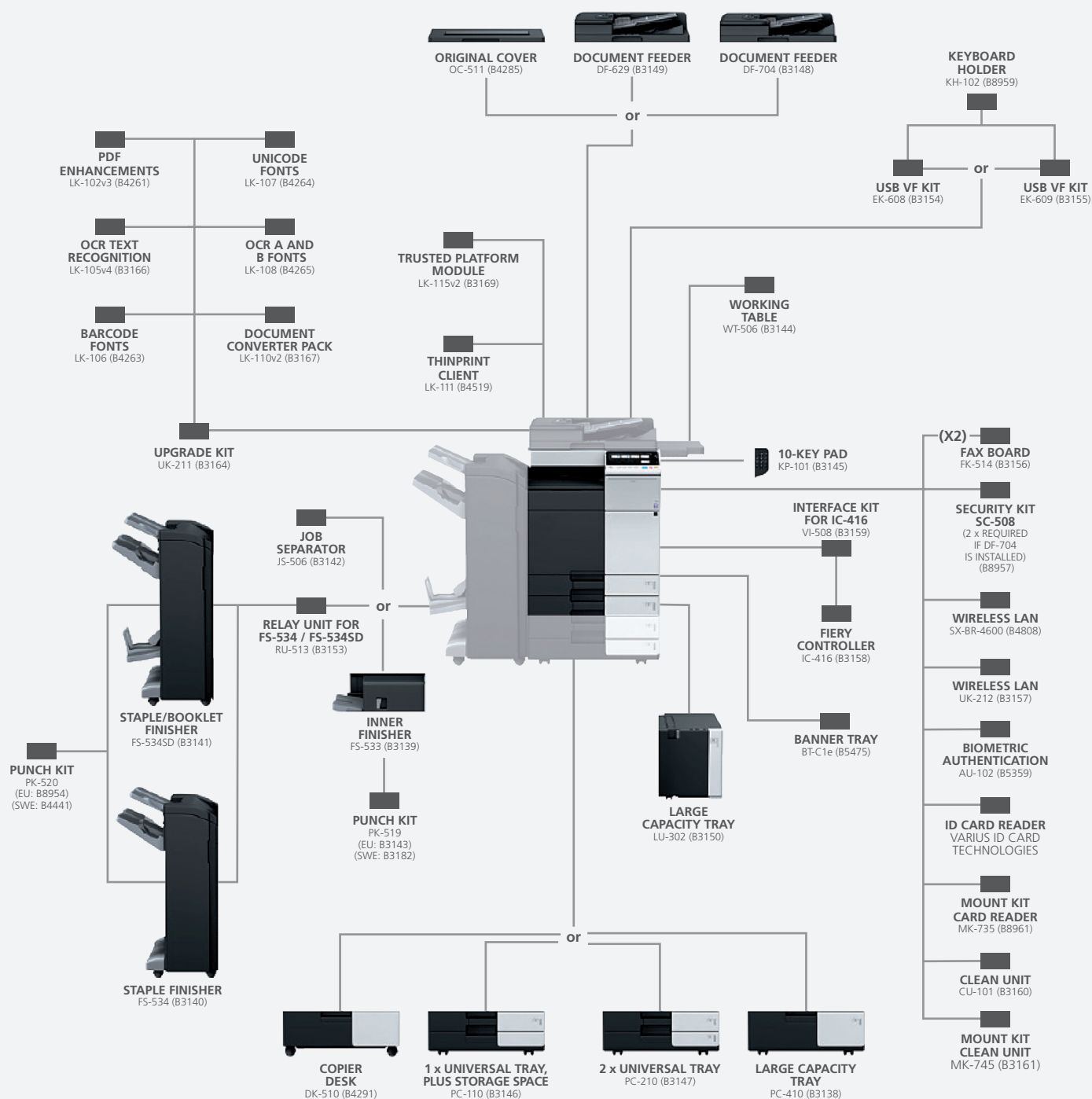
With the new HD-524 option a second **hard disk** is 'mirrored' with the primary hard disk to prevent data loss in the case of failure of the primary hard disk. **User authentication** can be managed by **card readers** (various versions are available as options), **Android mobile devices can operate the NFC technology** or **biometric authentication** involving the detection of finger vein mapping (available with option AU-102) and Apple devices can access this via Bluetooth.

## ENVIRONMENTAL RESPECT

In **Sleep Mode**, the d-Color MF254, d-Color MF304 and d-Color MF364 have a reduced **energy absorption of only 0.6 W**, as well as significantly **reduced TEC absorption** (Typical Electric Consumption).

More than 25% of the total volume of plastic materials used is comprised of recycled PC/PET materials. This means that **78%** of the **material** making up the external surfaces is composed of **recycled and recyclable** materials.

## CONFIGURATION LAYOUT



# TECHNICAL SPECIFICATIONS

## GENERAL

Type	Desktop, Printer/Scanner/Copier
Technology	Laser semiconductor, 4 beam
Integrated Duplex Unit	Paper formats SRA3-A5 (52-256g/m <sup>2</sup> )
Copy Format: max./min.	SRA3/A6R
Max. Document Format	A3
Scanning Resolution	600x600 dpi
Copy Resolution	1,800 dpi (equivalent) x 600 dpi
Grey Scale	256 levels
Memory Capacity (Standard/Max.)	2 GB / 4 GB
Hard Disk Capacity	250 GB
Warm-up Time	20 sec.
Time for First Copy in Mono (Sec)	d-Color MF254: 6.1 / d-Color MF304: 5.6 / d-Color MF364: 5.3
Time for First Copy in Colour (Sec)	d-Color MF254: 7.5 / d-Color MF304: 7.3 / d-Color MF364: 6.9
Copying speed in Mono & Colour (A4)	d-Color MF254: 25 ppm; d-Color MF304: 30 ppm; d-Color MF364: 36 ppm
Zoom	25%-400% in steps of 0.1
Tray 1 Paper Capacity	500 sheets max. format A3, 80g/m <sup>2</sup>
Tray 2 Paper Capacity	500 sheets max. format SRA3, 80g/m <sup>2</sup>
By-pass Tray Capacity	150 sheets max. format SRA3, 80g/m <sup>2</sup>
Trays 1/2 Paper Weight	52-256 g/m <sup>2</sup>
By-pass Tray Paper Weight	60-300 g/m <sup>2</sup>
Max. Paper Capacity with Optional Trays	6,650 A4 sheets or 2,150 A3 sheets + 3,000 A4 sheets
Dimensions and Weight (WxDxH)	Base unit 615 x 685 x 779, 85kg With options (max.) 1,820 x 818 x 1,167 mm
Power Consumption	Max 2,000W Sleep mode: 0.6W
TEC (Total Electricity Consumption)	d-Color MF254: 1.225 kWh/week; d-Color MF304: 1.57 kWh; d-Color MF364: 1.845 kWh

## PRINTER

CPU	ARM Cortex-A7 Dual-core 1.2GHz
Memory	Shared with copy function
Printing Speed Mono & Colour (A4)	d-Color MF254: 25 copies per minute d-Color MF304: 30 copies per minute d-Color MF364: 36 copies per minute
Hard Disk	Shared with copy function
Printing Resolution	1,800 dpi (equivalent) x 600 dpi with smoothing, or 1,200x1,200 dpi
PDL	PCL 6, PostScript 3 Emulation, XPS
Protocols	TCP/IP, IPX/SPX, SMB (NetBEUI), LPD, IPP1.1, SNMP, Apple Talk
Operating Systems	Windows Vista / 7 / 8 / 8.1 (32-bit or 64-bit) Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10) Linux
PCL Font	80 Roman font
PS Font	137 Roman Type 1 font
Interfaces	Ethernet (10-Base-T/100-Base-TX/1,000-Base-T), USB 1.1, USB 2.0, IEEE 802.11 b/g/n (optional), Bluetooth LE (optional)

## SCANNING

Type	Colour Scanner
Interfaces	Ethernet (10-Base-T/100-Base-TX/1000-Base-T), IEEE 802.11 b/g/n (optional)
Driver	TWAIN driver, HDD TWAIN driver
Protocols	TCP/IP (FTP, SMB, WebDAV), (IPv4/IPv6)
Scanning Speed (Colour & Mono, 300 dpi, A4, simplex)	80 ipm (with Document Feeder)
Max. Scanning Format	A3
Output Formats	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML, .PPTX, .XSLX, .DOCX (opt.), Searchable PDF (opt.), PDF/A (opt.), Linearised PDF (opt.)
Scanning Resolution	100, 200, 300, 400, 600 dpi
Main Functions	Scan-to-E-Mail, Scan-to-FTP, Scan-to-Box (HDD), Scan-to-PC (SMB), Network TWAIN, Scan-to-WebDAV, Scan-to-USB, Scan-to-Scan Server, Device Profile for Web Services (DPWS)

## FAX (OPTIONAL) & INTERNET FAX

Communications	Super G3
Super G3 Fax Interface	Public Switched Telephone Network, Private Branch Exchange
Resolution	Ultra Fine 600x600dpi, Super Fine 400x400dpi, Fine 200x200 dpi, Normal 8 dots/mm x 3.85 dots/mm
Modem Speed	33.6 kbps with Automatic Fall Back
Compression	MH/MR/MMR/JBIG
Max. Transmission Format	A3
Max. Reception Format	A3
Transmission Time per Page	Less than 2 sec. (A4, V.34, 33.6 kbps, JBIG)
Agenda with Abbreviated Numbers	Up to 2,000 numbers
Internet Protocol	TX: SMTP; RX: POP3, TCP/IP Simple mode
Internet Interface	Ethernet (10-Base-T/100-Base-TX/1000-Base-T)
Fax Internet Format	TIFF

## OTHER MAIN OPTIONS

DF-629 - Automatic Duplex Document Feeder	Capacity up to 100 sheets 80g/m <sup>2</sup> Max. paper format A3 Fine paper weight 35-49 g/m <sup>2</sup> (simplex reading only), normal paper 50-128 g/m <sup>2</sup> (simplex/duplex reading)
DF-704 - Automatic Document Feeder	Capacity up to 100 sheets 80g/m <sup>2</sup> Max. paper format A3 Fine paper weight 35-49 g/m <sup>2</sup> (simplex reading only), normal paper 50-163 g/m <sup>2</sup> (simplex/duplex reading)
OC-511 - Platen Cover	Basic platen glass cover
PC-110 - 1 x 500 Sheet Tray	A3-A5 formats, paper weight 52-256 g/m <sup>2</sup>
PC-210 - 2 x 500 Sheet Tray	A3-A5 formats, paper weight 52-256 g/m <sup>2</sup>
PC-410 - 1 x 2,500 Sheet Tray	A4 format, paper weight 52-256 g/m <sup>2</sup>
LU-302 - Large Capacity Tray	Capacity: 3,000 sheets, A4 format, paper weight 52-256 g/m <sup>2</sup>
FS-533 - Inner Staple Finisher	Finisher integrated with stapling of 500 sheets
PK-519 - Hole Punch Kit	2 or 4-hole perforator for FS-533 finisher
FS-534 - External Staple Finisher	For stapling of up to 3,000 sheets
FS-534SD - External Staple Finisher/Booklet & Tri-fold Applications	For stapling of up to 3,000 sheets, including Tri-fold and centre staple function for booklets
RU-513 - Mandatory Bridge Unit	Connection module for FS-534 and FS-534SD finishers
PK-520 - Hole Punch Kit	2-hole or 4-hole perforator for FS-534 and FS-534SD finishers
JS-506 - Inner Job Separator	Job separation tray to be mounted in place of finishers for offset group/sort
HD-524 - Additional Hard Disk	For backing up data held on Primary Hard Disk
AU-102	Biometric Authentication Kit
SX-BR-4600	WLAN Connection Kit
UK-212	WLAN Access Point
KH-102	External Keyboard Holder
EK-608	USB interface kit for External Keyboard
EK-609	USB + Bluetooth for connecting Mobile devices
SC-508	Security Copy Guard Kit
i-Option	LK-102V3: PDF encryption, PDF/A 1b LK-105V4: OCR searchable, PPTX LK-106: Barcode font printing LK-107: Unicode font printing LK-108: OCR font printing LK-110v2: DOCX, XLSX and PDF/A format generation LK-111: Native ThinPrint client LK-115v2: Trusted Platform Module 2GB Memory kit for i-Option CU-101 MK-745
UK-211	
Clean Unit	
Mount Kit Clean Unit	

## d-Color MF254/d-Color MF304/d-Color MF364 CONSUMABLES

Black Toner	Capacity up to 28,000 pages (cover 5%) (B1166)
Colour Toner	Capacity per colour up to 26,000 pages (cover 5%), Cyan (B1167), Magenta (B1168), Yellow (B1169)
Black Drum	d-Color MF254: Life up to 90,000 pages (B1174); d-Color MF304/MF364: Life up to 120,000 pages (B1174)
Colour Drum (One required per colour)	d-Color MF254: Life up to 55,000 pages (B1175); d-Color MF304: Life up to 75,000 (B1175); d-Color MF364: Life up to 90,000 (B1175)
Black Developer Unit	Life up to 600,000 pages (B1170)
Colour Developer Unit (One required per colour)	Life up to 600,000 pages Cyan (B1171), Magenta (B1172), Yellow (B1173)
Fuser Kit	Life up to 600,000 pages (B1176)
Transfer Unit Kit	Life up to 300,000 pages (B1046)
Waste Toner Box	Capacity approx. 40,000 printouts (B1051)

Product performances are referred to as appropriate use under optimal conditions. The registered trademarks are the property of their respective owners.

d-Color MF254/ d-Color MF304/ d-Color MF364 are distributed by Olivetti S.p.A.  
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OLIVETTI S.P.A.  
VIA JERVIS 77  
10015 IVREA (TO) ITALIA  
www.olivetti.com



### Copy Print Services

1 Bolton South Business Park  
Mather Street  
Kearsley  
Bolton BL4 8AT

Tel : 01204 572172

www.copyprintservices.co.uk