



# d-COLOR

## MF454/MF554/MF654

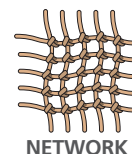
### OUTSTANDING PROFESSIONALISM IN COLOUR

The A3 colour Multifunctional systems the Olivetti d-Color MF454, d-Color MF554 and d-Color MF654 provide **advanced functionalities** for improving day-to-day productivity while delivering exceptional **print quality** and finishing capabilities.

The advanced features of these multifunctional systems are complemented by their extreme **ease of use, a 10.1" operator touch-screen** and many opportunities for mobile device and cloud printing.

An extensive **selection of options** is available for maximising paper handling techniques and providing a wealth of flexible configurations to satisfy the most demanding users.

These models meet the rigorous standards set, world-wide, to provide the **lowest possible environmental impact**, based on low energy consumption levels and the extensive use of recycled and recyclable materials, while adopting the most effective solutions for **secure data management**.



MOBILITY &  
CLOUD

COLOUR TOUCH  
DISPLAY



**COLOUR MULTIFUNCTIONAL DIGITAL SYSTEMS**

**COLOUR AND MONO SPEEDS PER PAGE - 45 PPM (d-Color MF454),  
55 PPM (d-Color MF554), 65 PAGES (d-Color MF654)**

**300-SHEET ORIGINAL FEEDER WITH DUAL SCAN CAPABILITIES AND SCAN  
SPEEDS UP TO 240 IMAGES PER MINUTE (IPM)**

**10.1" TOUCH-SCREEN WITH NEW INTUITIVE USER INTERFACE**

**NFC AND BLUETOOTH® CONNECTION AREA INTEGRATED ON THE OPERATOR  
PANEL**

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

**SECOND OPTIONAL HARD DISK WITH DATA BACK-UP FUNCTION**

**NEW "Z" FOLDING UNIT, ZU-609, INTEGRATED INSIDE THE FS-537 FINISHER  
(optional)**

**PRODUCTION OF "SEARCHABLE PDF " FILES OR OPTIMISED FILES FOR MS  
OFFICE USING OCR SCANNING FUNCTION (optional)**

# d-COLOR

## MF454/MF554/MF654



*New 10.1" Touch-screen and NFC  
Authentication Area*



*Configuration with SF-537SD Finisher,  
PI-507 Post-Insert, RU-513 Connection  
Unit, PC-215 Drawers, LU-207 Side Drawer*

### ELEGANT EFFICIENCY

The d-Color MF454, d-Color MF554 and d-Color MF654 are highly technological systems designed specially to meet the most exacting user demands in terms of quality and productivity.

The d-Color MF454, d-Color MF554 and d-Color MF654 continue to provide all the features that have made the Olivetti A3 colour MFP range one of the most successful on the market but now these features have been greatly improved. Many new functionalities have been added to improve ease of use and productivity and further developments have been introduced to satisfy the most stringent environmental regulations and energy consumption reductions.

The d-Color MF454, d-Color MF554 and d-Color MF654 have a large 10.1" touch-screen with an intuitive user interface designed to be consistent with those used on PCs, tablets and smartphones. The user interface can be customised both visually and practically according to user preferences. In addition, useful "widgets" also can be displayed containing operational notes or warnings.

Airprint® functionality, provided as standard, allows printing from iOS devices, Compatibility with Google Cloud Print™ is possible though the installation of a specific software connector and they also support a wide variety of managed print service solutions

Additionally, on the operator panel of the the d-Color MF454, d-Color MF554 and d-Color MF654, a special area is provided for connecting NFC (Near Field Communication) technology devices, allowing users to be authenticated for using the multifunctional systems. The Bluetooth® communications function can be added, as an option, to this area.

### CONVINCING PAPER HANDLING

The d-Color MF454, d-Color MF554 and d-Color MF654 have been designed to respond to the demands of constant heavy workloads. The basic paper capacity of 1,150 sheets can be increased to a maximum of 6,650 sheets using the new LU-302, a 3,000-sheet A4 side drawer. Front drawers are also now removable allowing paper jams to be cleared quickly and easily.

The new Dual Scan Document Feeder reads up to 300 sheets on both sides in a single pass, with speeds of up to 240 images per minute.

The FS-533 500-sheet finisher can be integrated inside these models as an alternative to the FS-536 3,000-sheet side finisher, featuring a 50-sheet stapler, or the FS-537 3,000-sheet side finisher with 100-sheet stapler; both of which can be connected using the optional RU-513. What is more, the ZU-609 “Z-Folding” unit can be installed within the FS-537 finisher allowing the overall configuration footprint to be kept to a minimum.

The d-Color MF654 comes as standard with a new air cleaning filter, CU-102, which available as an option for d-Color MF454 and d-Color MF554 models.

An IC-416 Fiery Controller and the VI-510 new video interface are available for graphic art applications.

### HEIGHTENED SECURITY

The HD-524 option consists of an additional Hard Disk

that can be synchronised with the Hard Disk supplied as standard in order to add an additional back-up solution and prevent data loss should the machine breakdown.

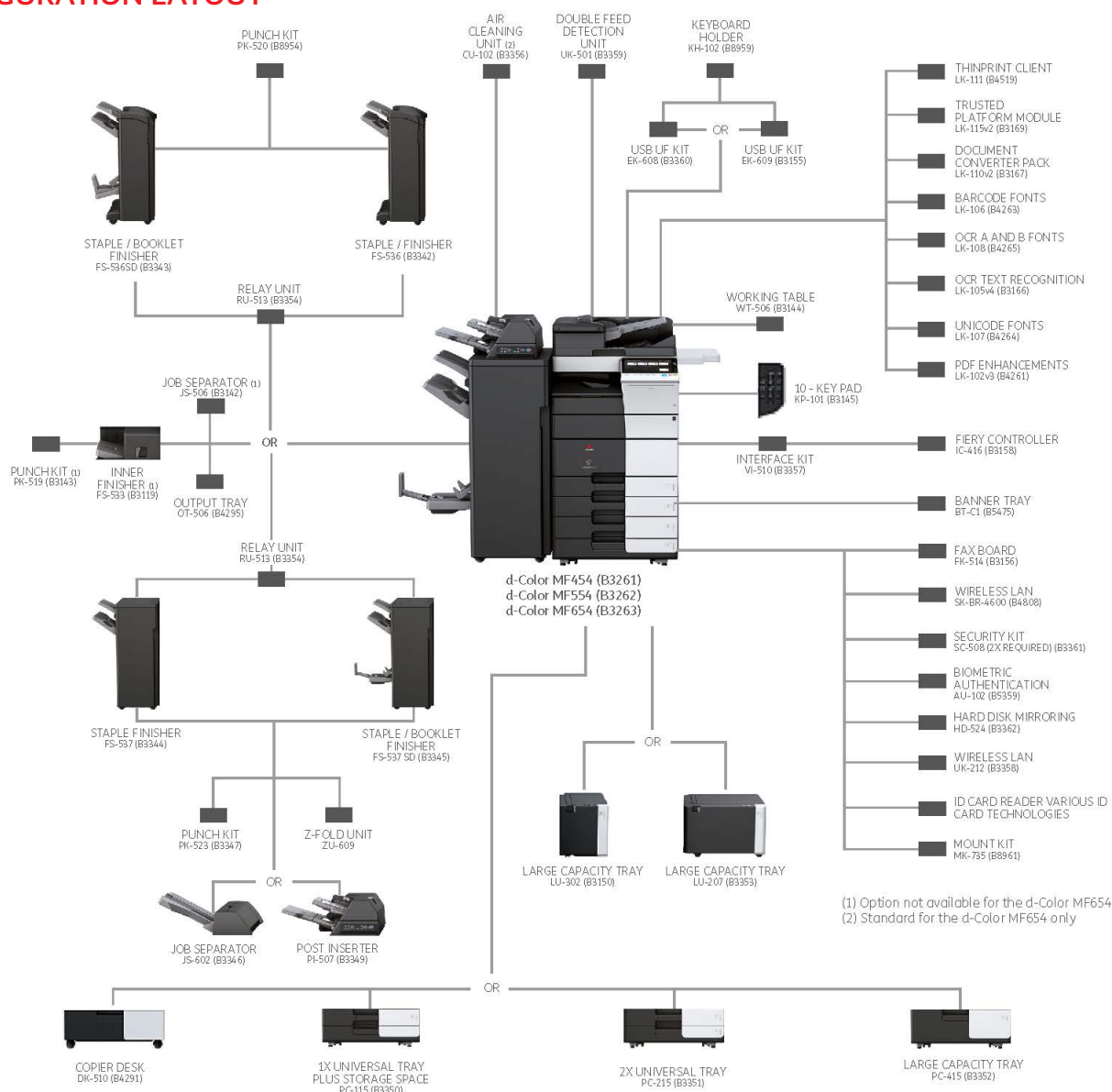
Access to these multifunctional systems can be controlled through user authentication systems such as card readers, which are available as options and designed to meet the most stringent of security standards. Authentication is also possible using Android mobile devices set up for NFC technology.

### ENVIRONMENTAL CARE

The new d-Color MF454, d-Color MF554 and d-Color MF654 multifunctional systems have low energy consumption levels of only 0.5 W in sleep mode and TEC (Typical Electric Consumption).

Over 35% of the total volume of resins used is composed of recycled/recyclable PC/PET materials, used in particular for originals feeder and paper drawer parts.

## CONFIGURATION LAYOUT



# TECHNICAL SPECIFICATIONS

## GENERAL

Type	Console, Printer/Scanner/Copier
Technology	Semiconductor laser, 4 beam
Integrated Duplex Unit	SRA3 - A5 paper formats (52 - 256g/m <sup>2</sup> )
Copy Format : Max / Min	SRA3 - A6R, banner (1,200 x 297mm)
Max. Document Format	A3
Scanning Resolution	600 x 600 dpi
Printing / Copying Resolution	1,200 x 1,200 dpi
Grey Scale	256 levels
RAM Capacity	4 GB
Hard Disk Capacity	250 GB
Warm-up Time (Seconds)	d-Color MF454: 25 / d-Color MF554: 22 / d-Color MF654: 22.
Time for First Copy in Mono (Sec)	d-Color MF454: 4.0 / d-Color MF554: 3.5 / d-Color MF654: 3.0
Time for First Copy in Colour (Sec)	d-Color MF454: 5.1 / d-Color MF554: 4.4 / d-Color MF654: 4.0
Mono & Colour copying speed (Simplex/Duplex)	d-Color MF454: 45ppm A4/22ppm A3; d-Color MF554: 55ppm A4/27ppm A3; d-Color MF654: 65ppm A4/32ppm A3
Zoom	25% - 400% in steps of 0.1
Tray 1 Paper Capacity	500 sheets size A5R - A3, 80g m <sup>2</sup>
Tray 2 Paper Capacity	500 sheets size A5R - SRA3 (320 x 450mm), 80g/m <sup>2</sup>
By-pass Tray Capacity	150 sheets format A6L - SRA3 (320 x 450mm), Banner (1,200 x 297mm), 80g/m <sup>2</sup>
Paper Weight in Tray 1-2	52 - 256 g/m <sup>2</sup>
Paper Weight in By-pass Tray	60 - 300 g/m <sup>2</sup>
Max Paper Capacity in Additional Optional Trays	6,650 A4 sheets or 4,650 A3 sheets
Interfaces	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 2.0, IEEE 802.11 b/g/n (optional), Bluetooth LE (optional)
Dimensions (W x D x H) Base Units	d-Color MF454, d-Color MF554: 615 x 693 x 961mm d-Color MF654: 615 x 750 x 961mm
Max. Dimensions inc. Options	d-Color MF454, d-Color MF554: 2092 x 693 x 961mm d-Color MF654: 2092 x 750 x 961mm
Weight (Kg)	d-Color MF454: 110 / d-Color MF554: 110 / d-Color MF654: 113
Power Supply	220 V ~ 240 V, 8.0A (50-60 Hz)
Power Consumption, Max.	All models : 2000W
Power Consumption while Printing	d-Color MF454: 860W d-Color MF554: 1110W d-Color MF654: 1120W
Power Consumption in Stand-by/ Energy Saving Mode	d-Color MF454: 46.4W d-Color MF554: 100.1W d-Color MF654: 95.7W
Power Consumption in Sleep Mode	d-Color MF454: 0.5W d-Color MF554: 0.5W, d-Color MF654: 0.5W
TEC (Total Electricity Consumption) kWh/week	d-Color MF454: 2.5 / d-Color MF554: 3.041 d-Color MF654: 3.943

## PRINTER

CPU	ARM Cortex-Dual-core 1.6GHz
Memory	Shared with copying function
Printing Speed Mono & Colour (A4)	d-Color MF454: 45ppm A4 / 22ppm A3; d-Color MF554: 55ppm A4 / 27ppm A3; d-Color MF654: 65ppm A4 / 32ppm A3
Hard Disk	Shared with copying function
Printing Resolution	1,200 x 1,200 dpi, or 1,800 dpi (equivalent) x 600 dpi
PDL	PCL 6 (ver. 3.0) Emulation, PCL 5 e/c Emulation, PostScript 3 Emulation, XPS v. 1.0
Protocols	TCP/IP (IPv4, IPv6), IPX/SPX (ND support), SMB (NetBEUI), LPD, IPP1.1, SNMP
Operating Systems	Windows Vista / 7 / 8 / 8.1 / 10 (32-64) Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 Mac OS X (10.6 and later), Linux, Citrix, Unix
PCL Font	80 x PCL AgfaMicro Type
PS Font	137 x PS3 AgfaMicro Type

## SCANNING

Type	Colour Scanner
Interfaces	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), IEEE 802.11 b/g/n (optional)
Driver	Network TWAIN driver, HDD TWAIN driver
Protocols	TCP/IP (FTP, SMB, SMTP)
Document Feeder	Standard, duplex in single pass, 300-sheet capacity (A4 format, 80g/m <sup>2</sup> )
Scanning Speed	Simplex Mode: 80/75 ipm (600dpi, mono and colour), 120 ipm (300dpi, mono and colour)
Max Scanning Size	Duplex Mode: 160/150 ipm (600dpi, mono and colour), 240 ipm (300dpi, mono and colour)
Output Formats	240 ipm (300dpi, mono and colour)
Scanning Resolution	A3
Main Functions	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML pptx, xlsx, docx (opt.), Searchable PDF (opt.), PDF/A (opt.), Linearised PDF (opt.) 100, 200, 300, 400, 600 dpi; Scan to E-Mail, Scan to me, Scan to SMB, Scan to Home, Scan to FTP, Scan to Box (HDD), Scan to URL, Network TWAIN Scan, Scan to WebDAV, Scan to USB, Scan to DPWS

Performance relates to use of the product under optimal conditions.  
Right reserved to modify technical specifications.  
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All other registered trademarks are the property of their respective owners.

The d-Color MF454/ d-Color MF554/ d-Color MF654 systems are distributed by Olivetti S.p.A. (11/2016) - Codice: 49504-00-w

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## FIERY IC-416, VI-510 OPTIONAL PRINTER

CPU	CPU Type @ 2.9GHz
PDL	Adobe PostScript 3, PCL6, PCL5c
Operating Systems	Windows Vista / 7 / 8 / 8.1 (32-64) Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 Mac OS X 9.x and 10.x

## FAX (OPTIONAL) & INTERNET FAX

Communications	Super G3
Super G3 Fax Interface	Public Switched Telephone Network, Private Branch Exchange
Resolution	Ultra Fine 600 x 600dpi, Super Fine 400 x 400dpi, Fine 200 x 200 dpi, Normal 8 dots/mm x 3.85 dots/mm 33.6 kbps with Automatic Fall Back
Modem Speed	MH/MR/MMR/JBIG
Compression	A3
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

PC-115	500-sheet capacity Tray, A3-A5 formats, weight 52-256 g/m <sup>2</sup>
PC-215	2 x 500-sheet capacity Tray, A3-A5 formats, weight 52-256 g/m <sup>2</sup>
PC-415	2,500-sheet capacity Tray, A4 format, weight 52-256 g/m <sup>2</sup>
LU-302	3,000-sheet Large Capacity Side Tray, A4 format, weight 52-256 g/m <sup>2</sup>
LU-207	2,500-sheet Large Capacity Side Tray, max format SRA3, weight 52-256 g/m <sup>2</sup>
DK-510	Support Table to use instead of Tray
FS-533	500-sheet integrated Finisher with stapling of up to 50 A4 sheets or 30 A3 sheets
PK-519	2 or 4 Hole-punch Unit for FS-533 Finishers
FS-536	3,200-sheet External Finisher with stapling of up to 50 sheets
FS-536SD	Same as FS-536 with the addition of a Passbook Folding Unit with Saddle-stitching
PK-520	2 or 4 Hole-punch Unit for FS-536 and SF-536SD Finishers
FS-537	3,200-sheet External Finisher for stapling up to 50 sheets
FS-537SD	Same as FS-537 but with the addition of a Passbook Folding Unit with Saddle-stitching
PK-523	2 or 4 Hole-punch Unit for FS-537 and SF-537SD Finishers
RU-513	Connection module for FS-536, FS-536SD, FS-537, FS-537SD Finishers
PI-507	Insertion Unit for pre-printed materials, stapling, manual folding and stapling for FS-537/SD
ZU-609	Z-Folding Unit for installing in FS-537/SD
JS-602	Job Separator for FS-537/SD Finisher
KP-101	Numeric Keyboard
AU-102	Biometric Authentication Unit
WT-506	Support Shelf for Authentication Unit
FK-514	Fax Super G.3 Kit (up to 2 can be installed)
JS-506	Job Separation Tray to mount instead of Finishers
OT-506	Job Collection Tray as an alternative to Finishers
KH-102	Support Shelf for External Alphanumeric Keyboard
EK-608	USB Interface Module
EK-609	Bluetooth™ connection + USB Interface Module
RFID Card Reader	EM4100, EM4100 Manchester, Mifare Readers
MK-735	RFID Card Readers internal installation Unit
SC-508	Unauthorised Copying Prevention Unit
BT-C1	Banner Collection Tray
UK-501	Multiple Feed Detection Unit
LK-102v3	PDF Encryption Function, PDF/A 1b Support
LK-105v4	OCR for Searchable PDFs, PPTX, PDF/A 1a
LK-106	BARCODE Font Printing
LK-107	UNICODE Font Printing
LK-108	OCR Font Printing
LK-110v2	Generates OOXML Formats, including DOCX, XLXS, PDF/A
LK-111	Native Thin Print Client
LK-115v2	Trusted Platform Module (TPM)
UK-212	Wireless Access Point
HD-524	Additional Hard Disk for Backing-up Data on Main Disk
SX-BR-4600	Connection Kit using WLAN
KH-102	Holder for External Keyboard

## d-Color MF454 /d-Color MF554 / d-Color MF654 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 MF454: Life up to 90,000 pages (B1174); d-Color MF554/MF654: Life up to 120,000 pages (B1174)
Colour Drum (One required per colour)	d-Color MF454: Life up to 55,000 pages (B1175); d-Color MF554: Life up to 75,000 (B1175); d-Color MF654: 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)