

Olivetti

d-Color MF223 / d-Color MF283 Sales Guide v1.0



Models	d-Color MF223	d-Color MF283
Type	A3 Colour MFP	
Target	Small Office Workgroups with limited budget & low-mid print volumes	
Launch Date*	March 2016	
Speed	22 ppm colour / 22 ppm mono	28 ppm colour / 28 ppm mono
Replaces	N/A	N/A
OEM	Konica Minolta bizhub C227	Konica Minolta bizhub C287

Product Manager: Marco Valle, **Marketing Manager:** Nadia Bontempo
Business Marketing Director: Gianluca Galletti

Olivetti d-Color MF223 / d-Color MF282 Sales Guide v1.0 / E&OE
 Olivetti UK Agency Marketing – March 2016
**Launch dates may be subject to change*

Table of Contents	Page:
1. Product Introduction	5
1.1 – Product Road Map	6
2. d-Color MF223 / MF283 Technical Specification	7
- General	7
- Printer	7
- Scanning	8
- Fax (Optional FK-513 & Internet Fax)	8
- Other Main Options	8
- Consumables	9
3. Range Comparison	11
- d-Color MF223 versus d-Color MF222 Plus	12
- d-Color MF223 versus d-Color MF254	14
- d-Color MF283 versus d-Color MF282 Plus	16
- d-Color MF283 versus d-Color MF304	18
-	
4. Product Composition and Codes	20
- PLEASE NOTE – MANDATORY REQUIREMENTS & NEW OPTIONS	20
- 4.1 – Basic units	21
- 4.2 – Options	21
- 4.3 – Consumables	26
- 4.4 – Options Configuration Chart	28
- 4.5 – Minimum Configuration Requirements	29
- 4.6 – Package of Basic Units	30
- 4.7 – Nat Kit – Product Library, Documentation and Utilities	30
- 4.8 – Main Units, Options & Package Dimensions and Weights	31
- 4.9 – Consumables Codes, Package Dimensions and Weights	32
5. Promotional Material	35
6. Service	35
7. Quality Approvals	35
Appendix A: CE Declaration	36
Appendix B: Declarati3n CE de Conformidad	37

Appendix C: Selling against d-Color MF223 **37**

- Canon image RUNNER ADVANCE C3320i	38
- Kyocera TASKalfa 2551ci	40
- Ricoh MP C2011SP	42
- Ricoh MP C2003SP	44
- Samsung MultiXpress X4220RX	46
- Sharp MX-2314N	48
- Xerox WorkCentre 7220	50

Appendix D: Selling against d-Color MF283 **53**

- Canon image RUNNER ADVANCE C3330i	54
- Ricoh MP C2503SP	56
- Samsung MultiXpress X4300LX	58
- Sharp NX-2640N	60
- Toshiba e-STUDIO 3055C SE	62
- Xerox WorkCentre 7830	64

This page has been left blank intentionally

1. Product Introduction

The **d-Color MF223 and d-Color MF283** are 2 new colour A3 MFPs which introduce a new product concept in the Olivetti product portfolio: **essential features at an affordable price.**

The d-Color MF223 and d-Color MF283 do not replace any of the existing models, in fact they are additional models that will significantly enhance and improve the product portfolio.

The launch of these new models is scheduled to take place within March 2016.

The d-Color MF223 and d-Color MF283 require some dedicated options (e.g. the Document Feeder, the Paper Cassettes, the Fax Kit, the Mount Kits), while the other options are common with the other models in the range.

All the consumables for The d-Color MF223 and d-Color MF283 are new, introducing a mixed technologies solution: separate drum and developer units for the black, imaging units for the colours;

The cost-per-copy of the d-Color MF223 and d-Color MF283 are higher than those of the Brother models, with similar speeds to the d-Color MF254 and and d-Color MF304.

This means that the d-Color MF223 and d-Color MF283 are suitable for customers with a limited budget and with low to medium printing volume.

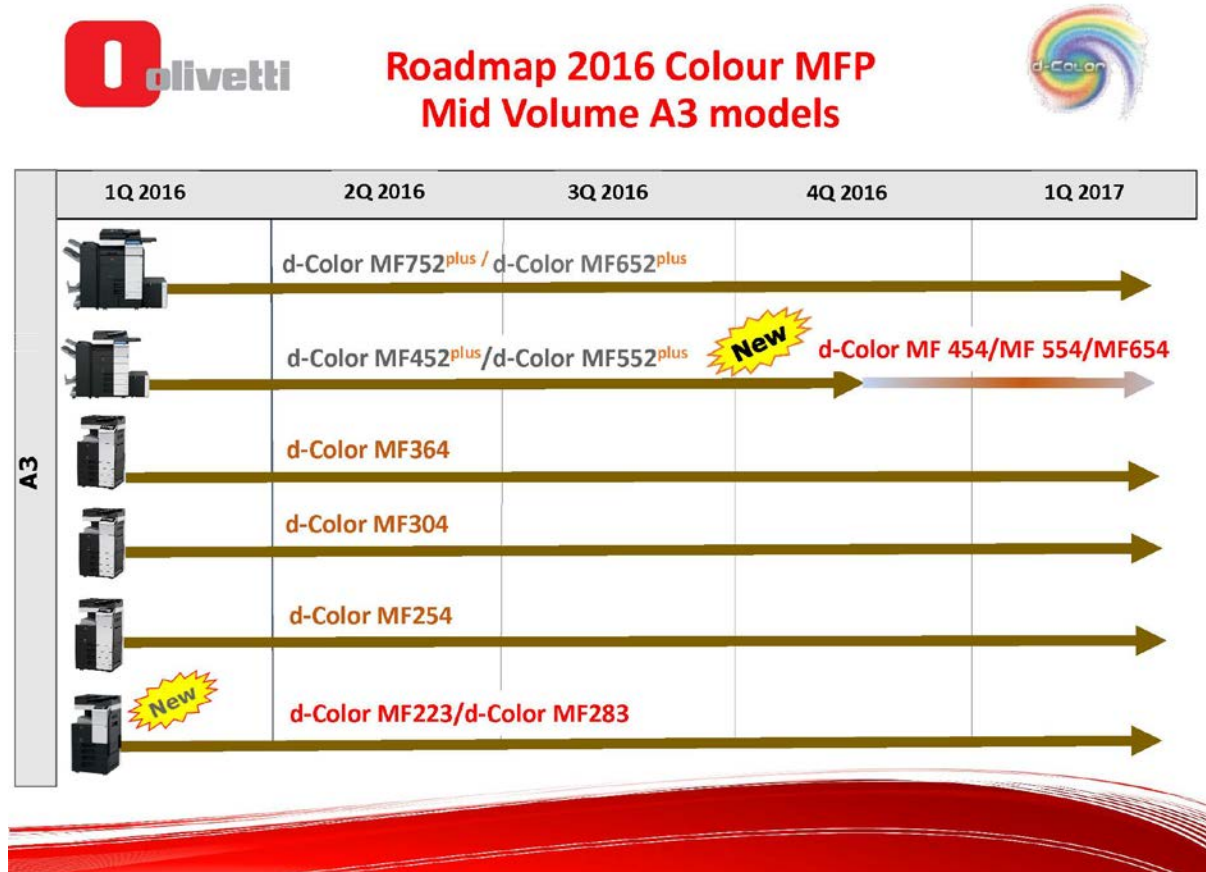
Conversely, the d-Color MF254 and d-Color MF304 meet the demands of customers with higher printing volumes and for tenders.

The most significant differences between the new d-Color MF223 / d-Color MF283 and the existing d-Color MF254 / d-Color MF304 are:

- Printing / copying speed: 22 ppm for the d-Color MF223 instead of 25 ppm for the d-Color MF254 and 28 ppm for the d-Color MF283 instead of 30 ppm for the d-Color MF304;
- Only a Reverse Document Feeder is available (no Dual-Scan Feeder available);
- Touch Screen Size - 7" on the d-Color MF223 and d-Color MF283 (instead of 9")
- Print Resolution 600dpi (instead of 1200dpi);
- Installation of 1 Fax Kit (instead of 2 Fax Kits);
- Max Paper Size up to A3 (instead of SRA3);
- Max Paper Size in Cassette 1: A4 (instead of A3); A3 size accepted in cassette 2;
- Paper Weight range 60-256 g/m² (instead of 52-300 g/m²)
- By-pass Tray Capacity 100 sheets (instead of 150);
- No Copy Protect option available;
- No Hard-Disk Mirroring option available;
- No Fiery Controller options available;
- **The d-Color MF 223 and d-Color MF283 correspond to: Konica-Minolta Bizhub C227 and Bizhub C287; Develop Ineo +227 and Ineo +287.**

1.1 - Products Road Map

The picture that follows shows the 2016 Projected Road Map for the A3 colour MFP models range:



2. Technical Specification

GENERAL

Type	Desktop, Printer/Scanner/Copier;
Technology	Laser semiconductor, 4 beams;
Integrated Duplex Unit	Paper formats A3-A5 (60-256g/m ²);
Copy Format: max./min.	A3/A6;
Max. Document Format	A3;
Scanning Resolution	600 dpi;
Copy Resolution	1,800 dpi (equivalent) x 600 dpi;
Grey Scale	256 levels;
Memory Capacity	2 GB standard/ 4 GB optional;
Hard Disk Capacity	250 GB;
Warm-up Time	20 sec.;
Time for First Copy in Mono	6.8 sec.;
Time for First Copy in Colour	8.4 sec.;
Copying Speed Mono & Colour (A4)	d-Color MF223: 22 copies per minute; d-Color MF283: 28 copies per minute; 25%-400% in steps of 0.1%;
Zoom	
Tray 1 Paper Capacity	500 sheets max. with 80g/m ² , format A4;
Tray 2 Paper Capacity	500 sheets max. with 80g/m ² , format A3;
By-pass Tray Capacity	100 sheets max. with 80g/m ² , format A3;
Trays 1 & 2 Paper Weight	60-256 g/m ² ;
By-pass Tray Paper Weight	60-256 g/m ² ;
Max. Paper Capacity with Optional Trays	3,600 A4 sheets or 2,100 A3 sheets;
Dimensions & Weight (W x D x H)	Basic unit 571 x 660 x 779mm, 72kg; With options (max.) 1,545 x 786 x 1,160 mm;
Power Supply	220-240V, 8.0A, (50-60Hz)
Power Consumption	Max. 1,500W Sleep mode d-Color MF223: 0.8W; Sleep mode d-Color MF283: 0.5W;
TEC (Total Electricity Consumption)	d-Color MF223: 0.994 kWh/week; d-Color MF283: 1.337 kWh/week.

PRINTER

CPU	ARM Coretex Dual-core 1.2GHz;
Memory	Shared with copy function;
Printing Speed Mono & Colour (A4)	d-Color MF223: 22 copies per minute; d-Color MF283: 28 copies per minute;
Hard Disk	Shared with copy function;
Printing Resolution	1,800 dpi x 600 dpi equivalent;
PDL	PCL 6 (PCL5c + XL 3.0), PostScript 3 Emulation, XPS;
Protocols	TCP/IP (IPv4, IPv6), IPX/SPX, SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP;
Operating Systems	Windows Vista / 7 / 8 / 8.1, 10 (each 32/64 bit); Windows Server 2008 / 2008 R2 / 2012 / 2012 R2; Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10), Linux;
PCL Fonts	80 outline fonts;
PostScript 3 Fonts	137 outline fonts;
Interfaces	Ethernet (10-Base-T/100-Base-T/1,000-Base-T), USB 2.0, IEEE 802.11 b/g/n (optional UK-212), Bluetooth LE (optional EK-609).

SCANNING

Type	Colour Scanner;
Interfaces	Ethernet (10-Base-T/100-Base-TX/1000-Base-T); IEEE 802.11 b/g/n (optional); TWAIN driver, HDD TWAIN driver;
Driver	TCP/IP (FTP, SMB, SMTP);
Protocols	
Scanning Speed (Colour & Mono, 300 dpi, A4, simplex)	Up to 45 ipm (with Document Feeder);
Max. Scanning Format	A3 (with Document Feeder), or 297 x 431.8 from platen glass;
Output Formats	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, PPTX, .XSLX, .DOCX (opt.), Searchable PDF (opt.), PDF/A (opt.), Linearised PDF (opt.);
Scanning Resolution	600 x 600 dpi max.;
Main Functions	Scan-to-E-Mail, Scan-to-Me, Scan-to-SMB, Scan-to-Home, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Network TWAIN scan, Scan-to-WebDAV.

FAX (Optional FK-513) & INTERNET FAX

Communications	Super G3;
Super G3 Fax Interface	Public Switched Telephone Network, PBX;
Modem Speed	33.6 kbps with Automatic Fall Back;
Compression	MH /MR /MMR /JBIG;
Max. Transmission Format	A3 max.;
Max. Reception Format	A3 max.;
Transmission Time per Page	Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG);
Agenda with Abbreviated Numbers	Up to 2,000 numbers;
i-Fax Protocol	TX: SMTP; RX: POP3, TCP/IP;
IP-Fax Interface	Ethernet (10-Base-T/100-Base-TX/1000-Base-T);
Fax Internet Format	TIFF.

OTHER MAIN OPTIONS

DF-628	Automatic Duplex Document Feeder; Capacity up to 100 sheets 80g/m ² , Max. paper format A3, Original weights 35-128 g/m ² (simplex reading only), Original weights 50-128 g/m ² (duplex/mix mode reading); Basic Platen Glass Cover;
OC-511	
PC-110	1 x 500 A3/A5 sheet tray (80g/m ²), paper weight 60-256 g/m ² ;
PC-210	2 x 500 A3/A5 sheet tray (80g/m ²), paper weight 60-256 g/m ² ;
PC-410	1 x 2,500 A4 Sheet Tray (80g/m ²), paper weight 60-256 g/m ² ;
HT-509	Heater for Paper Trays;
MK-734	Mount Kit for Heater HT-509;
DK-514	Copy Desk (Metal);
FS-533	Integrated Staple Finisher up to 500 sheets capacity;
PK-519	2 or 4-Hole Puncher for FS-533 Finisher;
FS-534	External Staple Finisher of up to 3,000 sheets;
FS-534SD	External Staple Finisher/Booklet & Tri-fold; Up to 3,000 sheets capacity, including Tri-fold and Centre Staple function for Booklets;
RU-514	Mandatory Bridge Unit to connect FS-534 and FS-534SD Finishers;
MK-602	Mandatory for connecting Finisher FS-533;

OTHER MAIN OPTIONS (continues from previous page)

MK-603	Mandatory to connect Finishers FS-533, FS-534 & FS-534SD;
PK-520	2 or 4-Hole Puncher for FS-534 / SD Finishers;
JS-506	Job Separation Tray to be used As an alternative to Finishers for Offset Group/Sort;
AU-102	Biometric Authentication Kit;
USB Authentication Units	Card Reader CRv2 Unique 125kHz, Card Reader CRv2 ASK SFK 125kHz, Card Reader CRv2 Multi-reader HF 13.56MHz; Mount Kit for internal Card Reader installation;
MK-735	WLAN Connection Kit;
SX-BR-4600	WLAN Access Point;
UK-212	External Keyboard Holder;
KH-102	USB Interface Kit for External Keyboard;
EK-608	USB + Bluetooth for connecting Mobile devices;
EK-609	Security Copy Guard Kit;
SC-508	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;
i-Option	2GB Memory Kit for i-Option;
UK-211	Cleaning Filter to improve indoor air quality;
CU-101	Mandatory option to install CU-101;
MK-748	Working Table to accommodate the Authentication Kit on;
WT-506	Fax Kit;
FK-513	Stamp Unit for original to be sent by fax;
SP-501	

d-Color MF223/d-Color MF283 CONSUMABLES

Black Toner	Capacity up to 24,000 pages (cover 5%) (B1194);
Colour Toner	Capacity per colour up to 21,000 pages (cover 5%); Cyan (B1195), Magenta (B1196), Yellow (B1197);
Black Drum	Capacity on d-Color MF223 up to 80,000 pages (B1198); Capacity on d-Color MF283 up to 105,000 pages (B1198); Life up to 600,000 pages (B1199);
Black Developer Unit	
Colour Imaging Units	
(One required per colour)	Capacity on d-Color MF223 up to 70,000 pages Capacity on d-Color MF283 up to 90,000 pages Cyan (B1200), Magenta (B1201), Yellow (B1202) Capacity approx. 22,000 printouts (B1203)
Waste Toner Box WX-105	Life up to 600,000 pages (B1204)
Fuser Kit	Life 300,000 pages (B1205)
Transfer Unit Kit	
Staple Cartridge SK-602	3 sets – 5,000 staples each

This page left intentionally blank

3.Range Comparison

The pages that follow contain the comparison features of the new models d-Color MF 223 and d-Color MF283 versus the higher featured models in the line-up with the closest printing speed:

- **d-Color MF223 versus d-Color MF222^{Plus}**
- **d-Color MF223 versus d-Color MF254**

- **d-Color MF283 versus d-Color MF282^{Plus}**
- **d-Color MF283 versus d-Color MF304.**

The boxes with green background show a better feature in comparison to the other model being compared.

d-Color MF223 versus d-Color MF222^{Plus}

	Olivetti d-COLOR MF223	Olivetti d-COLOR MF222 Plus
OEM	Konica Minolta (China)	Konica Minolta (China)
Also Sold As	DEVELOP ineo+ 227;	DEVELOP ineo+ 224e; Konica Minolta bizhub
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.3 sec color/6.9 sec black
Multicopy (ltr/lgl/lmstr)	22 cpm color/22 cpm black	22 cpm color/22 cpm black
Warm-up Time	20 sec	20 sec
Standard Paper Soller(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4) / 500 (A3) sheets	500 (A3) /500 (A3) sheets
Paper Weights	60 to 256 g/m ²	52 to 256 g/m ²
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	150-sheet/60 to 300 g/m ²
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	3,650 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 250-GB HD/2-GB RAM, 250-GB
Document Feeder	Opt RADF	Opt RADF and DSPF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	80 opm color, 80 opm black/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	35 to 128 g/m ² , 35 to 163 g/m ²
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 3,200/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	No
HDD Overwrite	Std	Std
Max overwrites	8	8
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touchscreen	228.6 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 9,999 (0 to 9 touch keys)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	779 mm x 615 mm x 685 mm
Weight	72 kg	85 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.03W
Energy Used in Power Save Mode (Watt)	0,8W	1.2W
Energy Used in Ready Mode (Watt)	32,5W	94W
Energy Used While Copying (Watt)	540W	580W
Energy Used While Printing (Watt)	540W	Info non disponibili
Energy Used While Scanning(Watt)	Info non disponibili	Info non disponibili
Max Power Consumption(Watt)	1500W	1630W
TEC	0,994 kWh	1.33kWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	Info not avail

d-Color MF223 versus d-Color MF222^{Plus}

	Olivetti d-COLOR MF223	Olivetti d-COLOR MF222 Plus
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	Info not avail/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet
Interface Type	10/100/1000BaseT	10/100/1000BaseT
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Info not avail
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	Info not avail
Embedded Software Platform	Open Platform architecture	Open Platform architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/Info not avail
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/605
Redials (Attempts/intervals)	7/1 to 15 min	7/1 to 15 min
One Touch	None	None
Speed Dial	2,000	2,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Konica Minolta/bizhub C224e
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color, 22 ppm black	22 ppm color, 22 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	1800 x 600 dpi
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Konica Minolta/Embedded Controller
Processor / Bits / MHz	Info not avail/Info not avail/800	Info not avail/Info not avail/800
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, PostScript 3, XPS
Fiery Controller	Not Available	Not Available
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/80 ipm color, 80 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
LDAP Support	Yes	Yes

d-Color MF223 versus d-Color MF254

	Olivetti d-COLOR MF223	d-Color MF254
OEM	Konica Minolta (China)	Konica Minolta (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	DEVELOP ineo+ 258 Konica Minolta Bizhub C258
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Dry, dual component
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.5 sec color/5.1 sec black
Multicopy (ltr/lg/lmstr)	22 cpm color/12 cpm black	25 cpm color/25 cpm black
Warm-up Time	20 sec	20 sec
Standard Paper Spucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500 (A3) / 500 (A3) sheets
Paper Weights	60 to 256 g/m ²	52 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	150-sheet/60 to 300 gsm
Max Paper Sources	5	6
Max Paper Capacity	3,650 sheets	6,650 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	HD
Document Feeder	Opt RADF	Opt RADF and DSPF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	80 opm color, 80 opm black/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	RADF:35÷128 g/m ² , DSPF: 35÷163
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 3000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	No
HDD Overwrite	Std	Std
Max overwrites	8	8
HDD Encryption	Std	Opt
Secure Print	Yes	Std
Encrypted Secure print	Yes	Std
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touchscreen	228.6 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	779 mm x 615 mm x 685 mm
Weight	72 kg	85 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.03W
Energy Used in Power Save Mode (Watt)	0,8W	0,6W
Energy Used in Ready Mode (Watt)	32,5W	111W
Energy Used While Copying (Watt)	540W	---W
Energy Used While Printing (Watt)	540W	570W
Energy Used While Scanning(Watt)	Info non disponibili	---W
Max Power Consumption(Watt)	1500W	2000W
TEC	0.994KWh	1.225 KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	Info not avail

d-Color MF223 versus d-Color MF254

	Olivetti d-COLOR MF223	d-Color MF254
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 4
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseT,
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Open Platform architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	Info not avail
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	279/279
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/600
Redials (Attempts/intervals)	7/1 to 15 min	7/1 to 15 min
One Touch	None	none
Speed Dial	2,000	2000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Konica Minolta/bizhub C258
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	25 ppm color/25 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	9600 x 600 dpi
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Konica Minolta/Embedded Controller
Processor / Bits / MHz	Info not avail/Info not avail/800	ARM Coretex Dual Core/Info not avail/1200
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, PostScript 3, XPS
Fiery Controller	Not Available	Available (optional)
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/80 ipm color, 80 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
LDAP Support	Yes	Yes

d-Color MF283 versus d-Color MF282^{Plus}

	Olivetti d-COLOR MF283	d-Color MF282^{Plus}
OEM	Konica Minolta (China)	Konica Minolta (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	DEVELOP ineo+ 308 Konica Minolta Bizhub C308
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Dry, dual component
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.7 sec color/5.9 sec black
Multicopy (ltr/lgl/lmstr)	28 cpm color/28 cpm black	28 cpm color/28 cpm black
Warm-up Time	20 sec	20 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500 (A3) / 500 (A3) sheets
Paper Weights	60 to 256 g/m ²	52 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	150-sheet/60 to 300 gsm
Max Paper Sources	5	6
Max Paper Capacity	3,650 sheets	3,650 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	HD
Document Feeder	Opt RADF	Opt RADF and DSPF
Doc Feeder Speed / Capacity	45 opm color; 45 opm black/100 orig	80 opm color; 80 opm black/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	RADF: 35-128 g/m ² ; DSPF: 35-163
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 3000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	No
HDD Overwrite	Std	Std
Max overwrites	8	8
HDD Encryption	Std	Opt
Secure Print	Yes	Std
Encrypted Secure print	Yes	Std
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touchscreen	228.6 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	779 mm x 615 mm x 685 mm
Weight	72 kg	85 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.03W
Energy Used in Power Save Mode (Watt)	0.5W	1.3W
Energy Used in Ready Mode (Watt)	36W	Info not avail
Energy Used While Copying (Watt)	590W	600W
Energy Used While Printing (Watt)	590W	Info not avail
Energy Used While Scanning(Watt)	Info not avail	Info not avail
Max Power Consumption(Watt)	2000W	1850W
TEC	1.337KWh	1.68KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes

d-Color MF283 versus d-Color MF282^{Plus}

	Olivetti d-COLOR MF283	d-Color MF282 ^{Plus}
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 4
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseT,
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Open Platform architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	Info not avail
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	279/279
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/600
Redials (Attempts/intervals)	7/1 to 15 min	7/1 to 15 min
One Touch	None	none
Speed Dial	2,000	2000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Konica Minolta/bizhub C258
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color, 28 ppm black	28 ppm color, 28 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	9600 x 600 dpi
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Konica Minolta/Embedded Controller
Processor / Bits / MHz	Info not avail/Info not avail/800	/Info not avail/Info not avail/800
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, PostScript 3, XPS
Fiery Controller	Not Available	Available (optional)
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/80 ipm color, 80 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
LDAP Support	Yes	Yes

d-Color MF283 versus d-Color MF304

	Olivetti d-COLOR MF283	d-Color MF304
OEM	Konica Minolta (China)	Konica Minolta (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	DEVELOP ineo+ 258 Konica Minolta Bizhub C258
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.3 sec color/5.6 sec black
Multicopy (ltr/lgl/lmstr)	28 cpm color/28 cpm black	30cpm color/30 cpm black
Warm-up Time	20 sec	20 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500 (A3) / 500 (A3) sheets
Paper Weights	60 to 256 g/m ²	52 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	150-sheet/60 to 300 gsm
Max Paper Sources	5	6
Max Paper Capacity	3,650 sheets	6,650 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	HD
Document Feeder	Opt RADF	Opt RADF and DSPF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	80 opm color, 80 opm black/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	RADF:35÷128 g/m ² ; DSPF: 35÷163
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 3000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	No
HDD Overwrite	Std	Std
Max overwrites	8	8
HDD Encryption	Std	Opt
Secure Print	Yes	Std
Encrypted Secure print	Yes	Std
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touch screen	228.6 mm color touch screen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	779 mm x 615 mm x 685 mm
Weight	72 kg	85 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.01W
Energy Used in Power Save Mode (Watt)	0.5W	0.6W
Energy Used in Ready Mode (Watt)	36W	32.1W
Energy Used While Copying (Watt)	590W	---W
Energy Used While Printing (Watt)	590W	580W
Energy Used While Scanning(Watt)	Info not avail	---W
Max Power Consumption(Watt)	2000W	2000W
TEC	1.337KWh	1.57KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	--- dB

d-Color MF283 versus d-Color MF304

MODALITA' MULTIFUNZIONALE	Olivetti d-COLOR MF283	d-Color MF304
Fotocopiatrice		
Fax internet	Std	Std
Stampante di rete	Std	Std
Stampante	Std	Std
Fax	Std	Std
Fax di rete	Opt	Opt
Fax PC	Opt	Opt
Scanner	Opt	Opt
SPECIFICHE SULLA CONNETTIVITA'	Std	Std
Interfaccia USB		
Fax/stampa/scansione PC	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 4
Interfaccia di rete	Info not avail/Yes/Yes	Yes/Yes/Yes
Tipo interfaccia	Std Ethernet	Std Ethernet, opt wireless
Fax/stampa/scansione LAN	10/100/1000BaseT	10/100/1000BaseT,
Reti supportate	Yes/Yes/Yes	Yes/Yes/Yes
NetWare		
Windows NT	No	Yes
AppleTalk	Yes	Yes
UNIX	No	Yes
AS/400	Yes	Yes
Altro	No	Yes
Piattaforma software integrata	Info not avail	
Specifiche Fax	Open Platform architecture	Open Platform architecture
Tecnologia scanner		
Metodo di compressione	CCD	CCD
Velocità modem	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Risoluzione TX max	33.6 Kbps	33.6 Kbps
Scala dei grigi/semitoni	600 x 600 dpi	600 x 600 dpi
Memoria fax std/max	256 levels	Info not avail
Dimensione originale min/max (AxL)	Shared	Shared
Larghezza max carta/stampa	A5/A3	A5/A3
CAPACITÀ SELEZIONE	297/Info not avail	279/279
Trasmissione (gruppi/dest)		
Riselezione (tentativi/intervalli)	100/600	100/600
One Touch	7/1 to 15 min	7/1 to 15 min
Selezione velocità	None	none
SPECIFICHE STAMPANTE	2,000	2000
Prod. e modello motore		
Compatibilità	Konica Minolta/bizhub C227	Konica Minolta/bizhub C258
Velocità	PC, Mac	PC, Mac
Area di stampa max	28 ppm color/28 ppm black	30 ppm color/30 ppm black
Risoluzione avanzata	Info not avail	Info not avail
Risoluzione non avanzata	1800 x 600 dpi	9600 x 600 dpi
Memoria stampante std/max	600 x 600 dpi	1200 x 1200 dpi
Prod./modello controllore	Shared	Shared
Processore/Bit/MHz	Info not avail/Info not avail/800	Info not avail/Info not avail/800
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, PostScript 3, XPS
Fiery Controller	Not available	Available (optional)
SPECIFICHE SCANNER E GESTIONE		
Tipo di collegamento	Network	Network
Tecnologia/velocità	CCD/45 ipm color, 45 ipm black	CCD/80 ipm color, 80 ipm black
Risoluzione max	600 x 600 dpi	600 x 600 dpi
Compatibilità TWAIN	Yes	Yes
Destinazione scansioni		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
Supporto LDAP	Yes	Yes

4 - Products Composition & Codes

PLEASE NOTE: MANDATORY REQUIREMENTS & NEW OPTIONS

Several options that are available for the d-Color MF223 and d-Color MF283 are compatible with the d-Color MF254, d-Color MF304 and d-Color MF364.

In addition, **some options** that are available for the d-Color MF223 and MF283 **are improved versions** of options for the previous generation models d-Color MF222, MF282, MF362 and Plus series. Although the **original option names are maintained**, **please note that the previous options cannot be attached** to the new d-Color MF223 / d-Color MF283 or the d-Color MF254, d-Color MF304 and the d-Color MF364.

To avoid confusion, the improved option versions are identified with new Product Codes, e.g.:

- FS-533** : Original Product Code: B4292, **improved version Product Code: B3139**.

The options that can be attached to the d-Color MF223 and d-Color MF283 can only be the improved versions, whose Product Codes are listed in the pages that follow.

On the other hand, **the improved options versions do have backward compatibility** with the previous generations models d-Color MF222, MF282, MF362 and Plus series.

Please pay particular attention to the bold and underlined text in red, in the Options Tables listed in Section "4.2 - Options", as these are the **MANDATORY PRE-REQUISITES for connecting any given option**.

4.1 - Basic Units

	Product Code	Notes
d-Color MF223	B3191	
d-Color MF283	B3192	

4.2 - Options

	Product Code	Attachment Instructions
Nat Kit initial	B3258	<u>Mandatory for any installation</u>
Console Label: Italian French German Spanish	(B3271 001) (B3271 002) (B3271 004) (B3271 005)	English wording is standard on console panel
DF-628 ❖ Duplex Automatic Document Feeder ❖ Stack capacity 130-sheets 68 g/m ² ; ❖ Original weight 35-128 g/m ² simplex, 50-128 g/m ² duplex ❖ Original size: A6S / max A3.	B3218	An alternative to the Original cCover OC-514
OC-514 ❖ Original Cover	B3219	An alternative to the DF-628
PC-114 ❖ Paper Cassette 1 x 500 sheets (80g/m ²); ❖ Paper format A5-A3; ❖ Paper weights: 60-256 g/m ² .	B3225	As an alternative to PC-214, or PC-414, or DK-514
PC-214 ❖ Paper Cassette 2 x 500 sheets (80g/m ²); ❖ Paper format A5-A3; ❖ Paper weights: 60-256 g/m ² .	B3226	As an alternative to PC-114, or PC-414, or DK-514
PC-414 ❖ Paper Cassette 1 x 2500 sheets (80g/m ²); ❖ Paper format A4 crosswise; ❖ Paper weights: 60-256 g/m ² .	B3227	As an alternative to PC-114, or PC-214, or DK-514
HT-509 ❖ Anti-humidity Heater	B3151	<u>Requires MK-734</u> Can be installed with PC-114, PC-214 and PC 414
MK-734 ❖ Used to turn on/off heater HT-509	B3152	<u>Required to install heater HT-509</u>
DK-514 ❖ Copier Desk ❖	B3228	As an alternative to PC-114, or PC-214, or PC-414

4.2 - Options (cont.)

	Product Code	Attachment Instructions
FS-533 <ul style="list-style-type: none"> ❖ Inner Staple Finisher with stacking/offset group/sort; ❖ Stack capacity 500 sheets A4 (52-90 g/m²), or 250 sheets A3 (52-90 g/m²); ❖ Stapling 50 sheets A4 (52-90 g/m²), or 30 sheets A3 (52-90 g/m²) 	B3139	<p style="color: red; margin: 0;"><u>Requires MK-602 + MK-603</u></p> <p style="margin: 0;">In place of FS-534 or FS-534SD or JS-506</p> <p style="margin: 0;">Works with Staples SK-602</p>
PK-519 <ul style="list-style-type: none"> ❖ Punch Kit 2 or 4 holes for Europe; ❖ Paper formats: A3, B4, A4L, B5L; ❖ Paper weights: 52-157 g/m²; 	B3143	<p style="color: red; margin: 0;"><u>Requires FS-533</u></p>
JS-506 <ul style="list-style-type: none"> ❖ Inner Job Separator for offset group/sort ❖ Capacity Tray 1/2: 100/150 sheets 90 g/m²; ❖ Paper weights: 52-300 g/m²; ❖ Paper formats: A6-SRA3 	B3142	<p style="color: red; margin: 0;"><u>Requires MK-603</u></p> <p style="margin: 0;">In place of FS-533, or RU-513 + FS-534, or RU-513 + FS-534SD</p>
FS-534 <ul style="list-style-type: none"> ❖ Left Mount Staple Finisher with sort / no-sort / group /offset group / sort; ❖ Tray capacity 100 / 200 / 3000 sheets A4 100 / 200 / 1500 sheets A3; ❖ Stapling capacity 50 sheets (52-90 g/m²), or 30 sheets (52-90 g/m²), 15 sheets (121-209 g/m²; ❖ Stapling formats A3-A5 lengthwise 	B3140	<p style="color: red; margin: 0;"><u>Requires RU-514 + MK-603</u></p> <p style="margin: 0;">In place of JS-506, or FS-533, or FS-534SD</p> <p style="margin: 0;">Works with Staples SK-602</p>
FS-534SD Same characteristics as FS-534 with the addition of: <ul style="list-style-type: none"> ❖ Fold/Centre Staple function; ❖ Tray capacity 100 / 200 / 2000 sheets A4 100 / 200 / 1500 sheets A3; 	B3141	<p style="color: red; margin: 0;"><u>Requires RU-514 + MK-603</u></p> <p style="margin: 0;">In place of JS-506, or FS-533, or FS-534</p> <p style="margin: 0;">Works with Staples SK-602</p>

4.2 - Options (cont.)

	Product Code	Attachment Instructions
PK-520 <ul style="list-style-type: none"> ❖ Punch Kit 2 or 4 holes for Europe; ❖ Paper formats: A3, B4, A4L, B5L; ❖ Paper weights: 52-300 g/m²; ❖ 	B8954	<u>Requires FS-534 or FS-534SD</u>
MK-603 <ul style="list-style-type: none"> ❖ Mount Kit for FS-533, FS-534, FS-534Sd, JS-506; 	B3223	<u>Required to install FS-533, or FS-534, or FS-534SD, or JS-506;</u>
MK-602 <ul style="list-style-type: none"> ❖ Mount Kit for FS-533 	B3222	<u>Required to install FS-533</u>
RU-514 <ul style="list-style-type: none"> ❖ Mandatory Bridge Unit for connecting FS-534/SD 	B3153	<u>Required to install FS-534 or FS-534SD</u>
FK-513 <ul style="list-style-type: none"> ❖ Fax Kit Super G.3; ❖ Modem speed 2.4-33,6 kbps; ❖ Sending/Receiving paper size A3 max.. 	B3229	1 kits FK-514 only can be installed
AU-102 <ul style="list-style-type: none"> ❖ Authentication Unit for Finger Vein Scanning 	B5359	<u>Requires EK-608 or EK-609</u> In place of USB CRv2 Multi.HF, or USB CRv2 Unique, or USB CRv2 ASK FSK 125MHz <u>Recommended installation in combination with WT-506.</u>
WT-506 <ul style="list-style-type: none"> ❖ Working Table for installation of various options 	B3144	To be used for external installation of AU-102, or USB CRv2 Multi.HF, or USB CRv2 Unique, or USB CRv2 ASK FSK 125MHz
MK-735 <ul style="list-style-type: none"> ❖ Kit for internal installation of USB Card Reader 	B8961	To be used for internal installation of USB CRv2 Multi.HF, or USB CRv2 Unique or USB CRv2 ASK FSK 125MHz

4.2 - Options (cont.)

	Product Code	<u>Attachment Instructions</u>
USB Card Reader v2 Multi. HF <ul style="list-style-type: none"> ❖ 13.56 MHz ❖ Mifare 1k/4k, Mifare Ultralight (UIN), Mifare DESFire (UIN), ISO 14443A (UIN), ISO 14443B (UIN), ISO 15693 (UIN), Inside Contactless(UIN only), HID iClass (UIN only), FeliCa (UIN only) 	B4801	<u>Requires EK-608 or EK-609</u> In place of AU-102, or USB CRv2 Unique, or USB CRv2 ASK FSK 125MHz
USB Card Reader v2 Unique <ul style="list-style-type: none"> ❖ 125 KHz ❖ EM4100 and compatible, Hitag 1, Hitag S 256, Hitag S 2048, Hitag 2, EM4050, EM4150, EM4450, EM4550, Q5, 5555, 5557, EM4105, ISO FDX-B (full duplex) and compatible 	B8695	<u>Requires EK-608 or EK-609</u> In place of AU-102, or USB CRv2 Multi.HF, or USB CRv2 ASK FSK 125MHz,
USB Card Reader V2 ASK FSK 125 KHz <ul style="list-style-type: none"> ❖ 125 KHz ❖ EM4100 manchester f/64 and compatible (Q5, Hitag in compat. mode), Proxlite, Casi-Rusco, GE Interlogix, Paradox, PosiProx, Nedap, AWID, Pyramid, Deister, Datasac, G-Prox, ioProx 	B4425	<u>Requires EK-608 or EK-609</u> In place of AU-102, or USB CRv2 Multi.HF, or USB CRv2 Unique
KP-101 <ul style="list-style-type: none"> ❖ Hardware Keypad for typing numbers 	B3145	None
KH-102 <ul style="list-style-type: none"> ❖ Holder for External Keyboard 	B8959	<u>Requires EK-608 or EK-609</u>
SP-501 <ul style="list-style-type: none"> ❖ Stamp scanned original to be sent by fax 	B9295	<u>To be used in combination with FK-513</u>
UK-212 <ul style="list-style-type: none"> ❖ Wireless LAN access point 	B3157	<u>Requires EK-608 or EK-609</u>
SX-BR 4600 <ul style="list-style-type: none"> ❖ Connection to wireless LAN 	B4808	None
LK-102 v3 <ul style="list-style-type: none"> ❖ Supports PDF processing functions 	B4261	<u>Requires UK-211</u>
LK-105 v4 <ul style="list-style-type: none"> ❖ Supports the searchable PDF function 	B3166	<u>Requires UK-211</u>

4.2 - Options (cont.)

	Product Code	Attachment Instructions
LK-107 ❖ Supports UniCode fonts	B4264	<u>Requires UK-211</u>
LK-106 ❖ Supports BarCode fonts	B4263	<u>Requires UK-211</u>
LK-108 ❖ Supports OCR-A fonts (PCL)	B4265	<u>Requires UK-211</u>
LK-110 v2 ❖ Supports conversion into DOCX and XLSX formats	B3167	<u>Requires UK-211</u>
LK-111 ❖ Supports ThinPrint function	B4519	None
LK-115 v2 ❖ Supports TPM (Trusted Platform Module)	B3169	None
UK-211 ❖ 2MB Extension memory to be used with i-Options	B3164	<u>Required to install i-Options LK-102 v3, LK-105 v4, LK-106, LK-107, LK-108, LK-110 v2, LK-114,</u>
Key CounterConnection Kit CF	B4339	None
EK-608 ❖ USB interface for the connection of USB devices	B3154	In place of EK-609 <u>Required to install KH-102, UK-212, AU-102, USB Card Readers</u>
EK-609 ❖ USB interface for the connection of USB keyboard + Bluetooth technology for connecting mobile devices	B3268	In place of EK-608 <u>Required to install KH-102, UK-212, AU-102, USB Card Readers</u>
CU-101 ❖ Collects small particles (UFP) that might be generated by the machine	B3160	<u>Requires MK-748</u>
MK-748 ❖ Kit for installation the CU-101.	B3232	<u>Required to install CU-101</u>

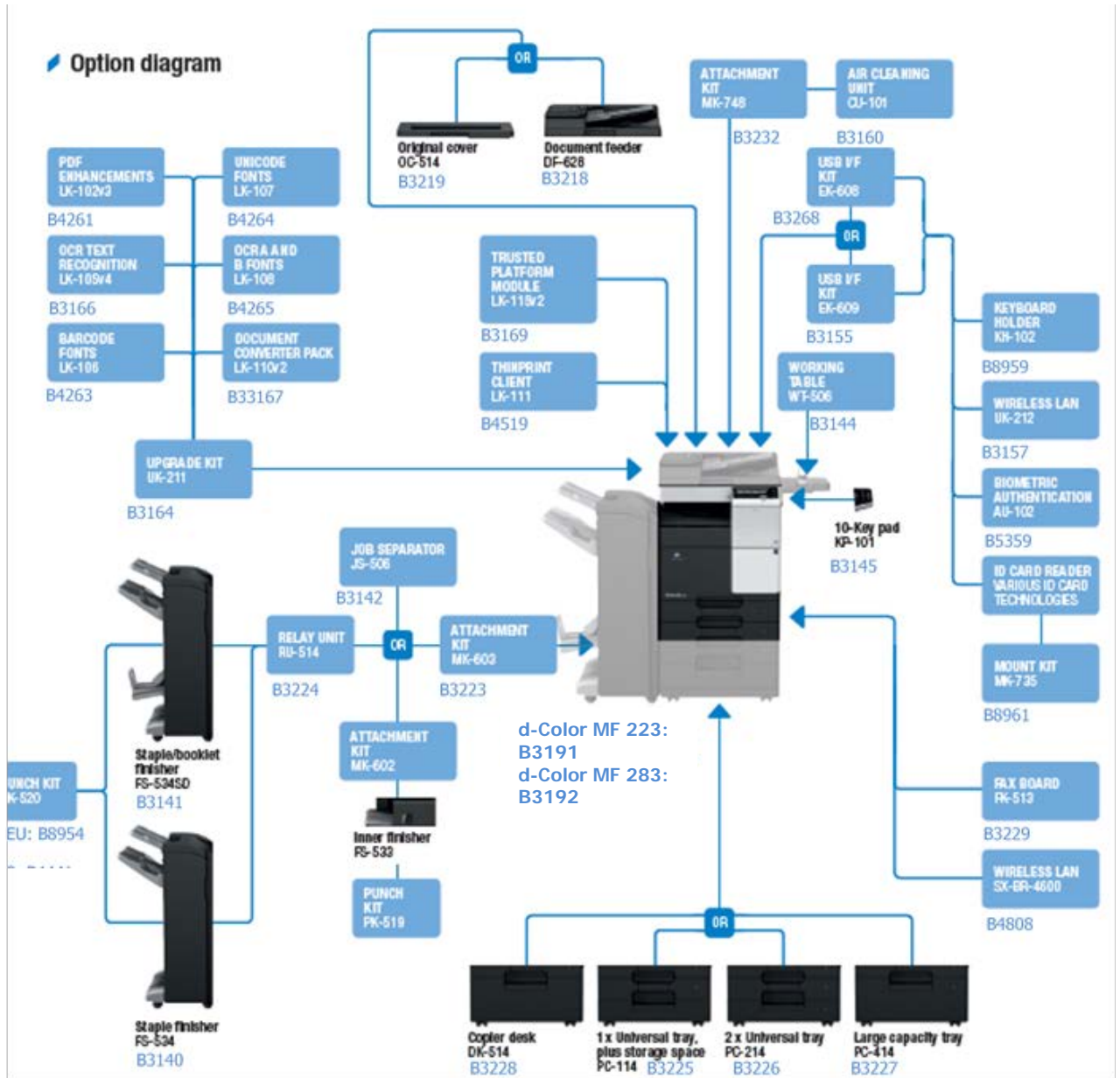
4-3 - Consumables

	Product Code	Compatibility
Toner Cartridge Black d-Color MF223/ d-Color MF283 ❖ Capacity up to 24,000 prints with 5% coverage;	B1194	d-Color MF223 / d-Color MF283
Toner Cartridge Cyan d-Color MF223/ d-Color MF283 ❖ Capacity up to 21,000 prints with 5% coverage;	B1195	d-Color MF223 / d-Color MF283
Toner Cartridge Magenta d-Color MF223/ d-Color MF283 ❖ Capacity up to 21,000 prints with 5% coverage;	B1196	d-Color MF223 / d-Color MF283
Toner Cartridge Yellow d-Color MF223/ d-Color MF283 ❖ Capacity up to 21,000 prints with 5% coverage;	B1197	d-Color MF223 / d-Color MF283
Drum Unit K Black d-Color MF223/ d-Color MF 283 ❖ Capacity up to 80,000 d-Color MF223; ❖ Capacity up to 105,000 d-Color MF283;	B1198	d-Color MF223 / d-Color MF283
Developer Unit Black d-Color MF223/ d-Color MF 283 ❖ Capacity 600,000;	B1199	d-Color MF223 / d-Color MF283
Image Unit Cyan d-Color MF223/ d-Color MF 283 ❖ Capacity up to 70,000 d-Color MF223; ❖ Capacity up to 90,000 d-Color MF283;	B1200	d-Color MF223 / d-Color MF283
Image Unit Magenta d-Color MF223/ d-Color MF 283 ❖ Capacity up to 70,000 d-Color MF223; ❖ Capacity up to 90,000 d-Color MF283;	B1201	d-Color MF223 / d-Color MF283
Image Unit Yellow d-Color MF223/ d-Color MF 283 ❖ Capacity up to 70,000 d-Color MF223; ❖ Capacity up to 90,000 d-Color MF283;	B1202	d-Color MF223 / d-Color MF283
Fusing Unit ❖ Capacity 500,000 copies/prints;	B1204	d-Color MF223 / d-Color MF283
Transfer Unit ❖ Capacity 250,000 copies/prints	B1205	d-Color MF223 / d-Color MF283

4.3 - Consumables (Cont.)

	Product Code	Compatibility
WX-105 ❖ Waste Toner Box; ❖ Capacity up to 22,000 prints;	(B1203)	d-Color MF223 / d-Color MF283
SK-602 ❖ Staple Cartridge; ❖ 3 Cartridges x 5000 Staples each;	(B0586)	FS-533 / FS-534 / FS-534SD SD-511 / SD-512
Spare TX Marker Stamp 2	(B5122)	Spare Marker Stamp for SP-501
Key Counter Connection Mount Kit 1	(B4339)	d-Color MF223 / d-Color MF254 / d-Color MF283 / d-Color MF304 / d-Color MF 364 d-Color MF552Plus / d-Color MF452Plus d-Color MF362Plus / d-Color MF282Plus / d-Color MF222Plus

4.4 - Options Configuration Chart



4.5 - Minimum Configuration Requirements

The table below lists the items that are necessary to obtain the minimum operative conditions.

Notes: 1 – NO free toner cartridge is supplied with a new d-Color MF223/d-Color MF283

List of items	Product Code
d-Color MF223 or d-Color MF283	(B3191) or (B3192)
OC-514 (Platen Cover)	(B3219)
DK-514 (Copier Desk)	(B3228)
Nat Kit initial (DVD with drivers, manuals, utilities)	(B3258)
Console Label (not required for UK or English spoken areas) <ul style="list-style-type: none"> ❖ Italian ❖ French ❖ German ❖ Spanish 	(B3271 001) (B3271 002) (B3271 004) (B3271 005)
Toner Cartridge Black d-Color MF223 / d-Color MF 283	(B1194)
Toner Cartridge Cyan d-Color MF223 / d-Color MF 283	(B1195)
Toner Cartridge Magenta d-Color MF223 / d-Color MF 283	(B1196)
Toner Cartridge Yellow d-Color MF223 / d-Color MF 283	(B1197)

4.6 - Package of Basic Units

Contents

The basic d-Color MF223 and d-Color MF283 units are delivered in a cardboard box and equipped with Console label in English (not required in the UK), Drum, Developer Unit, Image units, Transfer Unit, Fusing Unit;

In addition, the following parts to be assembled are supplied in the box together with Installation Booklet:

- Paper size labels;
- Dust cover;
- Three screws;
- Caps to cover screws from view;
- European type power cord;
- Cord clamp;
- Connector cover;
- Stylus pen for Touch Panel;
- Waste Toner Box.
-

4.7 - Nat Kit - Product Library, Documentation & Utilities

The contents list on the Product Library DVD-ROM contained inside the Nat Kit B3258 was not available at the time the version 1.0 of this Launch Plan was issued.

The DVD-ROM contents list will be introduced in the Launch Plan version 1.1 planned to be issued within week 3, 2016.

4.8 – Main Units, Options & Package Dimensions and Weights

Product Code	Descriptions	Item	Made in	Single box	Weight	Master carton	Units	Weight
				size (W x D x H mm)	Kg	size (W x D x H mm)		Kg
B3191	BASIC MACHINE	d-Color MF223	Malaysia	772x696x1039	90	na	na	na
B3192	BASIC MACHINE	d-Color MF283	Malaysia	772x696x1039	90	na	na	na
B3219	PLATEN COVER	OC-514	China	667x633x102	3,0	686x554x656	5	18
B3218	DOCUMENT FEEDER	DF-628	China	710x635x255	13	na	na	na
B3225	1 TRAY x 500 SHEETS	PC-114	Vietnam	779x738x427	33	1370x772x980	4	132
B3226	2 TRAYS x 500 SHEETS	PC-214	Vietnam	779x738x427	35	1370x772x980	4	140
B3227	1 TRAY X 2500 SHEETS	PC-414	Vietnam	779x738x427	34	1370x772x980	4	136
B3228	COPIER DESK	DK-514	EU	779x738x427	31,5	1370x772x980	4	126
B3151	CASSETTE HEATER	HT-509	Japan	408x335x73	15,2	752x425x358	10	--
B3152	HT-509 MOUNT	MK-734	Japan	340x210x172	13,6	na	na	na
B3139	INNER FINISHER	FS-533	China	749x648x330	15,8	755x1310x1135	6	--
B3140	EXTERNAL FINISHER	FS-534	China	1095x792x686	51	2331 x 12018 x 2695	90	--
B3141	EXT.FINISHER+BOOKLET	FS-534SD	China	1095x792x686	74	na	na	na
B3224	FINISHER BRIDGE UNIT	RU-514	China	---	--	na	na	na
B3222	MOUNT KIT FS-533	MK-602	China	552x145x134	---	1106 x 1015 x 1074	98	157
B3223	MOUNT FS-533/534/SD/506	MK-603	China	473x175x157	---	875x478x1082	30	40
B3142	JOB SEPARATOR	JS-506	China	597x566x321	4,3	1196 x 1134 x 1089	12	--
B3143	PUNCH UNIT FS-533	PK-519	China	695x352x302	4,8	1066 x 700 x 1047	9	50,1
B3182	PUNCH UNIT FS-533 Swed.	PK-519SW	China	695x352x302	4,8	1066 x 700 x 1047	9	50,1
B8954	PUNCH UNIT FS-534/SD	PK-520	China	607x472x133	3,3	1216 x 1116 x 1057	42	147,5
B4441	PUNCH UNIT FS-534SD Sw.	PK-520SW	China	607x472x133	3,3	1216 x 1116 x 1057	42	147,5
B3229	FAX KIT	FK-513	Japan	202x176x106	2,4	---	---	---
B9295	STAMP SENT FAX	SP-501	Japan	305x210x160	0,47	na	na	na
B5359	BIOMETRIC AUTHENT:	AU-102	Japan	---	---	na	na	na
B3144	WORKING TABLE	WT-506	China	550x320x150	2,3	1100x960x1029	36	90,6
B8961	CARD READER MOUNT	MK-735	Japan	164x152x43	0,9	324x244x188	10	---
B8959	KEYBOARD HOLDER	KH-102	Japan	342x324x62	0,93	na	na	na
B3145	NUMERIC KEYPAD	KP-101	Japan	241x195x107	1,3	557x407x264	10	---
B3157	WIRELASS LAN	UK-212	Japan	133x107x45	0,5	259x237x157	10	6
B4339	KEY-COUNTER	KEY-COUNTER	Japan	---	---	na	na	na
B3154	CONNECT USB KEYBOARD	EK-608	China	667x633x102	0,32	686x554x656	10	5
B3268	USB KEYB.+ BLUETOOTH	EK-609	China	667x633x102	0,32	686x554x656	10	5
B3160	SMALL PARTICLES FILTER	CU-101	China	547x420x212	3,3	Na	Na	na
B3232	MOUNT KIT CU-101	MK-748	China	607x397x229	1,3	796x612x1056	8	---
B3164	MEMORY UPGRADE 2GB	UK-211	Japan	178x117x52	0,12	269x249x205	10	1,2

4.9 – i-Options

Random	Descriptions	Item	Made in	Single box size (W x D x H mm)	Weight Kg	Master carton size (W x D x H mm)	Units	Weight Kg
B4261	PDF A / ENCRYPTION	LK-102 v3		Activation code				
B3166	OCR, SEARCH PDF	LK-105 v4		Activation code				
B4263	BARCODE FONT+PRINT	LK-106		Activation code				
B4264	UNICODE PRINTING	LK-107		Activation code				
B4265	OCR A / OCR B	LK-108		Activation code	na	na	Na	na
B3167	MS OFFICE FORMATS	LK-110 v2		Activation code	na	na	Na	na
B4519	THINPRINT CLIENT	LK-111		Activation code	na	na	Na	na
B3169	TPM SUPPORT	LK-115 v2		Activation code	na	na	Na	na

4.10 - Consumables Codes, Package Dimensions and Weights

Product Code	Descriptions	Item	Made in	Size (W x D x H mm)	Weight Kg	Master carton size (W x D x H mm)	Units	Weight Kg
B1194	Toner cartridge Black	Toner Cartridge Black d-Color MF223/MF283	Japan	500x81x84	0.860	1200x1030x1080	308	273
B1195	Toner cartridge Cyan	Toner Cartridge Cyan d-Color MF223/MF283	Japan	500x81x84	0.823	1200x1030x1080	308	273
B1196	Toner cartridge Magenta	Toner Cartridge Magenta d-Color MF223/MF283	Japan	500x81x84	0.823	1200x1030x1080	308	273
B1197	Toner cartridge Yellow	Toner Cartridge Yellow d-Color MF223/MF283	Japan	500x81x84	0.836	1200x1030x1080	308	273
B1198	Drum Unit Black	Drum Unit Black d-Color MF223/MF283	Malaysia	572x114x142	1.2	1146x912x1130	112	143
B1199	Developing Unit Black	Developing Unit Black d-Color MF223/MF283	Malaysia	618x172x142	1.5	1238x1032x1130	84	134.4
B1200	Image Unit Cyan	Developing Unit Cyan d-Color MF223/MF283	Malaysia	---	---	---	---	---
B1201	Image Unit Magenta	Developing Unit Magenta d-Color MF223/MF283	Malaysia	---	---	---	---	---
B1202	Image Unit Yellow	Developing Unit Yellow d-Color MF223/MF283	Malaysia	---	---	---	---	---
B1203	Waste Toner Box	WX-105	China	---	---	---	---	---
B1204	Fusing Unit	Fusing Unit	China	---	---	---	---	---
B1205	Trasfer Unit	Transfer Unit	China	---	---	---	---	---
B0586	Staple	SK-602	---	---	---	---	---	---
B5122	Spare Marker Stamp	Spare marker stamp	Japan	---	---	---	---	---

5 Promotional Material

The following promotional material for d-Color MF223 / d-Color MF283 are planned:

- | | | |
|------------------------------|----------------|--------------------------------|
| 1) Brochure (Italian) | Code: 49451-00 | Availability: February 2016; |
| 2) Brochure (English) | Code: 49452-00 | Availability: March 2016; |
| 3) Brochure (French) | Code: 49453-00 | Availability: February 2016; |
| 4) Brochure (Spanish) | Code: 49453-00 | Availability: : February 2016; |
| 5) Brochure (German) | Code: 49454-00 | Availability: : February 2016; |

The Olivetti web site (www.olivetti.com) will be updated in February 2016 with all information regarding the new devices, including their high-resolution photos, and the Environmental Information per model.

6 Service

Product Support Plan	Expected Availability
Product Support Plan (PSP) - English	March 2016
Logistic Support Plan (PLS) - English	March 2016
Service Manual - English	March 2016
Spare Parts Catalogue - Italiano / English	April 2016

7 Quality Approvals

The d-Color MF223 / d-Color MF 283 bear the following Marks:

- CE Mark (see copy of the CE declaration in Annexes A and B)
- TÜV-GS Safety Mark
- Energy Star 2.0 - 2013

They are also compliant with both RoHS and WEEE.

Appendix A: CE Declaration

CE Declaration was not ready at the time this Launch Plan was released.

CE Declaration can be downloaded from the following link:

http://www.olivetti.com/Tool/Download/Certificati/view_html.

Appendix B: Declaración CE de Conformidad

CE Declaration was not yet ready at the time this Launch Plan was released.

CE Declaration can be downloaded from the following link:

http://www.olivetti.com/Tool/Download/Certificati/view_html.

Appendix C: Competition for the d-Color MF223

The main characteristics of the new d-Color MF223 are compared with those of the competitors models in the tables that follows.

Each table compares our models with a competitor model with the same, or the closest speed for copying/printing.

The boxes with green background highlight a better feature in comparison to the other model being compared.

Comparison of the d-Color MF223 versus Canon imageRUNNER ADVANCE CE C3320i

	Olivetti d-COLOR MF223	Canon imageRUNNER ADVANCE C3320i
OEM	Konica Minolta (China)	Canon (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.2 sec color/5.9 sec black
Multicopy (ltr/lg/lmstr)	22 cpm color/22 cpm black	20 cpm color/20 cpm black
Warm-up Time	20 sec	34 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	52 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 256 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,300 sheets
Max Original Size	A3	297 x 432
Output Size (Min/Max)	A6/A3	98.4 x 139.7/304.8 x 457.2
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 250-GB HD*/2-GB RAM, 250-GB HD*
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	38 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Positioin(s)	500, 3,200/50/3	600, 2,000, 2,000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	3
HDD Encryption	Std	Opt
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Opt
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	878 mm x 565 mm x 693 mm
Weight	72 kg	71.2 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, 4 A
Energy Used While Power Off (Watt)	0.01W	0.1W
Energy Used in Power Save Mode (Watt)	0.8W	0.8W
Energy Used in Ready Mode (Watt)	32.5W	53.4W
Energy Used While Copying (Watt)	540W	info not avail.
Energy Used While Printing (Watt)	540W	info not avail.
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1500W
TEC	0,994 kWh	0.8KWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	48 dB

(*) = Bizhub, bEST and Emperon are Konica-Minolta names that CANNOT be used in any Olivetti promotional literature

Comparison of the d-Color MF223 versus Canon imageRUNNER ADVANCE CE C3320i

	Olivetti d-COLOR MF223	Canon imageRUNNER ADVANCE C3320i
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 2
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet
Interface Type	10/100/1000BaseT	10/100/1000BaseTX
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	No
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Multifunctional Embedded Application Platform (MEAP)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	139.7 x 128/297 x 432
Max Paper / print Width	297/Info not avail	297/Info not avail
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	199/256
Redials (Attempts/intervals)	7/1 to 15 min	10/2 to 99 min
One Touch	None	200
Speed Dial	2,000	200
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Canon/imageRUNNER ADVANCE C3320
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	20 ppm color/20 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	Non Applicable
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Canon/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Canon dual custom processors/Info not avail/1.67 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	UFR II, PCL 5c/6, Adobe PostScript 3
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	Proprietary image sensor/55 ipm color, 55 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	No
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison of the d-Color MF223 versus Kyocera TASKalfa 2551ci

	Olivetti d-COLOR MF223	KYOCERA TASKalfa 2551ci
OEM	Konica Minolta (China)	KYOCERA (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	Olivetti d-COLOR MF2552 Plus; TA Triumph-Adler 2500ci; UTAX 2500ci
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.1 sec color/6.2 sec black
Multicopy (ltr/lq/lmstr)	22 cpm color/22 cpm black	25 cpm color/25 cpm black
Warm-up Time	20 sec	30 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500/500 sheets
Paper Weights	60 to 256 g/m ²	60 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/60 to 256 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	4,100 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A5/A3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	3.5-GB RAM, 160-GB HD/3.5-GB RAM, 160-GB HD
Document Feeder	Opt RADF	Opt RADF, RADF and DSPF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	48 opm, 65 opm, 70 opm/50 orig, 100 orig, 175 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	45 to 160 gsm/45 to 160 gsm/35 to 220 gsm
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Position(s)	500, 3,200/50/3	1,000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Opt
Max overwrites	8	3
HDD Encryption	Std	Opt
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	745 mm x 594 mm x 737 mm
Weight	72 kg	87.5 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.1W
Energy Used in Power Save Mode (Watt)	0.8W	1.7W
Energy Used in Ready Mode (Watt)	32.5W	130W
Energy Used While Copying (Watt)	540W	590W
Energy Used While Printing (Watt)	540W	590W
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1500W
TEC	0.994 KWh	2.09KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	46.7 dB+C39:C5A1:C58

Comparison d-Color MF223 versus Kyocera TASKalfa 2551ci

	Olivetti d-COLOR MF223	KYOCERA TASKalfa 2551ci
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 4
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseT, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	No
UNIX	Yes	Yes
AS/400	No	No
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Hybrid Platform for Advanced Solutions (HyPAS)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	Info not avail
Std/Max Fax Memory	Shared	12-MB RAM/120-MB RAM
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/Info not avail
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	500/500
Redials (Attempts/intervals)	7/1 to 15 min	Info not avail
One Touch	None	1,000
Speed Dial	2,000	50
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	KYOCERA/TASKalfa 2551ci
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	25 ppm color/25 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	9600 x 600 dpi
Unenhanced Resolution	600 x 600 dpi	600 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	KYOCERA/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Freescale QorIQ P1022/Info not avail/800
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5e/6/XL, PostScript 3, XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/70 ipm or 65 ipm or 48 ipm color and black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	No
LDAP Support	Yes	Yes

Comparison d-Color MF223 versus Ricoh MP C2011SP

	Olivetti d-COLOR MF223	Ricoh MP C2011SP
OEM	Konica Minolta (China)	Ricoh (Thailand)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	Nashuatec MP C2011SP
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8,4 sec color/6.8 sec black	7.7 sec color/5.5 sec black
Multicopy (ltr/lq/lmstr)	22 cpm color/22 cpm black	20 cpm color/20 cpm black
Warm-up Time	20 sec	19 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	60 to 300 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 300 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,300 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	1.5-GB RAM, 250-GB HD/1.5-GB RAM, 250-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	54 opm/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	40 to 128 gsm
Finisher	Opt finishers	Info not avail
Tray / Stapling / Positioin(s)	500, 3,200/50/3	Info not avail
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	9
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and 228.6 mm color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Help Key	Yes	No
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	913 mm x 587 mm x 685 mm
Weight	72 kg	81 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.11W
Energy Used in Power Save Mode (Watt)	0,8W	0.59W
Energy Used in Ready Mode (Watt)	32,5W	56.6W
Energy Used While Copying (Watt)	540W	info not avail.
Energy Used While Printing (Watt)	540W	info not avail.
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1700W
TEC	0,994 KWh	0.7KWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	47.5 dB+C35:C5A1:C58

Comparison d-Color MF223 versus Ricoh MP C2011SP

	Olivetti d-COLOR MF223	Ricoh MP C2011SP
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	No
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	No
Network Fax	Opt	No
PC Fax	Opt	No
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet	Std Gigabit Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11a/b/g/n, Bluetooth
LAN Fax/Print/Scan	Yes/Yes/Yes	No/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	SAP R/3, NDPS Gateway
Embedded Software Platform	Open Platform architecture	Embedded Software Architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	Non Applicable
Compression Method	MH/MR/MMR/JBIG	Non Applicable
Modem Speed	33.6 Kbps	Non Applicable
Max TX Resolution	600 x 600 dpi	Non Applicable
Gray Scale / Halftones	256 levels	Non Applicable
Std/Max Fax Memory	Shared	Non Applicable
Min/Max Original Size (WxL)	A5/A3	Non Applicable
Max Paper / print Width	297/Info not avail	Non Applicable
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	Non Applicable
Redials (Attempts/intervals)	7/1 to 15 min	Non Applicable
One Touch	None	Non Applicable
Speed Dial	2,000	
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Ricoh/MP C2011
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	20 ppm color/20 ppm black
Max Print Area	Info not avail	304.8 x 457.2
Enhanced Resolution	1800 x 600 dpi	Info not avail
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Ricoh/GW/NX
Processor / Bits / MHz	Info not avail/Info not avail/800	PMC Sierra RM7035/Info not avail/600
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, opt Adobe PostScript
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/54 ipm color, 54 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	No
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF223 versus Ricoh MP C2003SP

	Olivetti d-COLOR MF223	Ricoh MP C2003SP
OEM	Konica Minolta (China)	Ricoh (Thailand)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	Gestetner MP C2003; Nashuatec MP C2003; Rex-Rotary MP C2003
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.6 sec color/5.4 sec black
Multicopy (ltr/lgl/lmstr)	22 cpm color/22 cpm black	20 cpm color/20 cpm black
Warm-up Time	20 sec	19 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	60 to 300 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 300 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,300 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	1.5-GB RAM, 250-GB HD/2-GB RAM, 250-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	54 opm/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	40 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Positioin(s)	500, 3,200/50/3	250, 500/5, 50/1, 4
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	9
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and 256.5 mm color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	913 mm x 587 mm x 685 mm
Weight	72 kg	81 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.11W
Energy Used in Powrer Save Mode (Watt)	0.8W	0.6W
Energy Used in Ready Mode (Watt)	32.5W	67.5W
Energy Used While Copying (Watt)	540W	439.4W
Energy Used While Printing (Watt)	540W	439.4W
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1700W
TEC	0,994 kWh	0.701KWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	47.5 dB

Comparison d-Color MF223 versus Ricoh MP C2003SP

	Olivetti d-COLOR MF223	Ricoh MP C2003SP
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Gigabit Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11a/b/g/n, Bluetooth
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	SAP R/3, NDPS Gateway
Embedded Software Platform	Open Platform architecture	Embedded Software Architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	4-MB RAM/28-MB RAM
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	Info not avail
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/500
Redials (Attempts/intervals)	7/1 to 15 min	Info not avail
One Touch	None	Info not avail
Speed Dial	2,000	2,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Ricoh/MP C2003
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	20 ppm color/20 ppm black
Max Print Area	Info not avail	304.8 x 457.2
Enhanced Resolution	1800 x 600 dpi	Info not avail
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Ricoh/GW/NX
Processor / Bits / MHz	Info not avail/Info not avail/800	PMC Sierra RM7035/Info not avail/600
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, opt Adobe PostScript
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/54 ipm color, 54 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF223 versus Samsung MultiXpress X4220RX

	Olivetti d-COLOR MF223	Samsung MultiXpress X4220RX
OEM	Konica Minolta (China)	Samsung (China)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	9 sec color/7.2 sec black
Multicopy (ltr/lgl/lmstr)	22 cpm color/22 cpm black	22 cpm color/22 cpm black
Warm-up Time	20 sec	25 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	520/520 sheets
Paper Weights	60 to 256 g/m ²	60 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/60 to 176 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,180 sheets
Max Original Size	A3	297 x 432
Output Size (Min/Max)	A6/A3	98 x 148/297 x 432
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	4-GB RAM, 320-GB HD/4-GB RAM, 320-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	42 to 163 gsm
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Positioin(s)	500, 3,200/50/3	Info not avail
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	9
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touchscreen	256.5 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 9,999 (0 to 9 touch keys)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	879 mm x 566 mm x 610 mm
Weight	72 kg	79 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0W
Energy Used in Power Save Mode (Watt)	0.8W	1.5W
Energy Used in Ready Mode (Watt)	32.5W	250W
Energy Used While Copying (Watt)	540W	800W
Energy Used While Printing (Watt)	540W	800W
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1200W
TEC	0,994 kWh	info not avail.
Dedicated Outlet	Not required	Required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	53 dB

Comparison d-Color MF223 versus Samsung MultiXpress X4220RX

	Olivetti d-COLOR MF223	Samsung MultiXpress X4220RX
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	INA
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	No
Windows NT	Yes	Info not avail
AppleTalk	No	No
UNIX	Yes	Yes
AS/400	No	Info not avail
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	eXtensible Open Architecture (XOA)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG/JPEG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	148.5 x 148.5/297 x 432
Max Paper / print Width	297/Info not avail	297/297
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/500
Redials (Attempts/intervals)	7/1 to 15 min	13/1 to 15 min
One Touch	None	Non Applicable
Speed Dial	2,000	500
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Samsung/X4220RX
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	22 ppm color/22 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	1200 x 1200 dpi*
Unenhanced Resolution	600 x 600 dpi	1200 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Samsung/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Chorus4N Dual Core/Info not avail/1 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5C/e/6, PostScript 3, XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/45 ipm color, 45 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	No
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
LDAP Support	Yes	Yes

Comparison d-Color MF223 versus Sharp MX-2314N

	Olivetti d-COLOR MF223	Sharp MX-2314N
OEM	Konica Minolta (China)	Sharp (China/Japan)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Console,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	10 sec color/7.4 sec black
Multicopy (ltr/lgl/lmstr)	22 cpm color/22 cpm black	23 cpm color/23 cpm black
Warm-up Time	20 sec	19 sec
Standard Paper Soucer(s)	Dual drawer	Single drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500 sheets
Paper Weights	60 to 256 g/m ²	60 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/55 to 300 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	3,100 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A5/304.8 x 457.2
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM/3-GB RAM, 320-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	34 to 128 gsm
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Positioin(s)	500, 3,200/50/3	500/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	7
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	834 mm x 583 mm x 642 mm
Weight	72 kg	72.6 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	info not avail.
Energy Used in Power Save Mode (Watt)	0.8W	info not avail.
Energy Used in Ready Mode (Watt)	32.5W	info not avail.
Energy Used While Copying (Watt)	540W	info not avail.
Energy Used While Printing (Watt)	540W	info not avail.
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	1840W
TEC	0,994 KWh	info not avail.
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	Info not avail

Comparison d-Color MF223 versus Sharp MX-2314N

	Olivetti d-COLOR MF223	Sharp MX-2314N
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet
Interface Type	10/100/1000BaseT	10/100/1000BaseTX
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	No
Other	Info not avail	None
Embedded Software Platform	Open Platform architecture	Open Systems Architecture (OSA)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	512-MB RAM/16-GB RAM
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/297
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	500/500
Redials (Attempts/intervals)	7/1 to 15 min	Programmable
One Touch	None	1,000
Speed Dial	2,000	1,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Sharp/MX-2314N
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	23 ppm color/23 ppm black
Max Print Area	Info not avail	/304.8 x 457.2
Enhanced Resolution	1800 x 600 dpi	Info not avail
Unenhanced Resolution	600 x 600 dpi	600 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Sharp/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Info not avail/Info not avail/600
PDL/PCL	PCL 5c/6, PostScript 3, XPS	SAPL-c, PCL 6, opt PostScript 3, opt XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/Info not avail
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF223 versus Xerox WorkCentre 7220

	Olivetti d-COLOR MF223	Xerox WorkCentre 7220
OEM	Konica Minolta (China)	Fuji Xerox (China/South Korea)
Also Sold As	DEVELOP ineo+ 227; Konica Minolta bizhub C227e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.4 sec color/7.1 sec black
Multicopy (ltr/lgl/lmstr)	22 cpm color/22 cpm black	20 cpm color/20 cpm black
Warm-up Time	20 sec	214 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	520/520 sheets
Paper Weights	60 to 256 g/m ²	60 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	50-sheet/60 to 216 gsm
Max Paper Sources	5	3
Max Paper Capacity	3,650 sheets	1,090 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	89 x 98/297 x 432
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 160-GB HD/2-GB RAM, 160-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	55 opm color, 55 opm black/110 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	50 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Positioin(s)	500, 3,200/50/3	500, 2,000/50/1, 3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	3
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	No
Encrypted PDF Mode(encrypted scanning)	Opt	Std
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 9,999 (0 to 9 keypad)
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	1,132 mm x 585 mm x 640 mm
Weight	72 kg	117 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, 10 A
Energy Used While Power Off (Watt)	0.01W	info not avail.
Energy Used in Powrer Save Mode (Watt)	0.8W	4.83W
Energy Used in Ready Mode (Watt)	32.5W	111W
Energy Used While Copying (Watt)	540W	389W
Energy Used While Printing (Watt)	540W	389W
Energy Used While Scanning(Watt)	Info non disponibili	info not avail.
Max Power Consumption(Watt)	1500W	info not avail.
TEC	0,994 kWh	info not avail.
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	52 dB

Comparison d-Color MF223 versus Xerox WorkCentre 7220

	Olivetti d-COLOR MF223	Xerox WorkCentre 7220
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Std
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseT, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	No
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Extensible Interface Platform (EIP)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/297
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	200/400
Redials (Attempts/intervals)	7/1 to 15 min	14/1 to 25 min
One Touch	None	None
Speed Dial	2,000	5,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Fuji Xerox/Info not avail
Compatibility	PC, Mac	PC, Mac
Speed	22 ppm color/22 ppm black	20 ppm color/20 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	2400 x 600 dpi
Unenhanced Resolution	600 x 600 dpi	600 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Xerox/ConnectKey
Processor / Bits / MHz	Info not avail/Info not avail/800	FreeScale/Info not avail/1.2 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, opt Adobe PostScript 3; XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Direct, Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/55 ipm color, 55 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	No
LDAP Support	Yes	Yes

This page left intentionally blank

Appendix D: Competition for the d-Color MF283

The main characteristics of the new d-Color MF283 are compared with those of the competitors models in the tables that follows.

Each table compares our models with a competitor model with the same, or the closest speed for copying/printing.

The boxes with green background highlight a better feature in comparison to the other model being compared.

Comparison d-Color MF283 versus Canon imageRUNNER ADVANCE C3330i

	Olivetti d-COLOR MF283	Canon imageRUNNER ADVANCE C3330i
OEM	Konica Minolta (China)	Canon (China)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.2 sec color/5.9 sec black
Multicopy (ltr/lq/lmstr)	28 cpm color/28 cpm black	30 cpm color/30 cpm black
Warm-up Time	20 sec	34 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	52 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 256 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,300 sheets
Max Original Size	A3	297 x 432
Output Size (Min/Max)	A6/A3	98.4 x 139.7/304.8 x 457.2
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 250-GB HD*/2-GB RAM, 250-GB HD*
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	38 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Positioin(s)	500, 3,200/50/3	600, 2,000, 2,000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	3
HDD Encryption	Std	Opt
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Opt
Encrypted PDF Mode(encrypted scanning)	Opt	Opt
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	878 mm x 565 mm x 693 mm
Weight	72 kg	71.2 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, 4 A
Energy Used While Power Off (Watt)	0.01W	0.1W
Energy Used in Power Save Mode (Watt)	0,5W	0.8W
Energy Used in Ready Mode (Watt)	36W	53.4W
Energy Used While Copying (Watt)	590W	info not avail.
Energy Used While Printing (Watt)	590W	info not avail.
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	1500W
TEC	1.337KWh	1.2KWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	49 dB

Comparison d-Color MF283 versus Canon imageRUNNER ADVANCE C3330i

	Olivetti d-COLOR MF283	Canon imageRUNNER ADVANCE C3330i
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host) x 2
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet
Interface Type	10/100/1000BaseT	10/100/1000BaseTX
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	No
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Multifunctional Embedded Application Platform (MEAP)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	139.7 x 128/297 x 432
Max Paper / print Width	297/Info not avail	297/Info not avail
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	199/256
Redials (Attempts/intervals)	7/1 to 15 min	10/2 to 99 min
One Touch	None	200
Speed Dial	2,000	200
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Canon/imageRUNNER ADVANCE C3330
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	30 ppm color/30 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	Non Applicable
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Canon/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Canon dual custom processors/Info not avail/1.67 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	UFR II, PCL 5c/6, Adobe PostScript 3
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	Proprietary image sensor/55 ipm color, 55 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	No
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF283 versus Ricoh MP C2503SP

	Olivetti d-COLOR MF283	Ricoh MP C2503SP
OEM	Konica Minolta (China)	Ricoh (Thailand)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	Gestetner MP C2503SP; Nashuatec MP C2503SP; Rex-Rotary MP C2503SP
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.5 sec color/5.3 sec black
Multicopy (ltr/lq/lmstr)	28 cpm color/28 cpm black	25 cpm color/25 cpm black
Warm-up Time	20 sec	19 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	60 to 300 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 300 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,300 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/SRA3
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	1.5-GB RAM, 250-GB HD/2-GB RAM, 250-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	54 opm/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	40 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Position(s)	500, 3,200/50/3	250, 500/5, 50/1, 4
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	9
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and 256.5 mm color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Help Key	Yes	Yes
	Yes	No
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	913 mm x 587 mm x 685 mm
Weight	72 kg	81 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.11W
Energy Used in Power Save Mode (Watt)	0.5W	0.6W
Energy Used in Ready Mode (Watt)	36W	62.4W
Energy Used While Copying (Watt)	590W	439.4W
Energy Used While Printing (Watt)	590W	439.4W
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	1700W
TEC	1.337KWh	0.889KWh
Dedicated Outlet	Not required	Not required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	49.2 dB

Comparison d-Color MF283 versus Ricoh MP C2503SP

	Olivetti d-COLOR MF283	Ricoh MP C2503SP
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Gigabit Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11a/b/g/n, Bluetooth
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	SAP R/3, NDPS Gateway
Embedded Software Platform	Open Platform architecture	Embedded Software Architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	4-MB RAM/28-MB RAM
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	Info not avail
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/500
Redials (Attempts/intervals)	7/1 to 15 min	Info not avail
One Touch	None	Info not avail
Speed Dial	2,000	2,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Ricoh/MP C2503
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	25 ppm color/25 ppm black
Max Print Area	Info not avail	304.8 x 457.2
Enhanced Resolution	1800 x 600 dpi	Info not avail
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Ricoh/GW/NX
Processor / Bits / MHz	Info not avail/Info not avail/800	PMC Sierra RM7035/Info not avail/600
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, opt Adobe PostScript
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/54 ipm color, 54 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF283 versus Samsung MultiXpress X4300LX

	Olivetti d-COLOR MF283	Samsung MultiXpress X4300LX
OEM	Konica Minolta (China)	Samsung (China)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	7.6 sec color/5.9 sec black
Multicopy (ltr/lgl/lmstr)	28 cpm color/28 cpm black	30 cpm color/30 cpm black
Warm-up Time	20 sec	25 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	520/520 sheets
Paper Weights	60 to 256 g/m ²	60 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/60 to 176 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	2,180 sheets
Max Original Size	A3	297 x 432
Output Size (Min/Max)	A6/A3	98 x 148/297 x 432
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	4-GB RAM, 320-GB HD/4-GB RAM, 320-GB HD
Document Feeder	Opt RADF	Std DSPF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	42 to 163 gsm
Finisher	Opt finishers	Opt finisher
Tray / Stapling / Position(s)	500, 3,200/50/3	Info not avail
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	9
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	256.5 mm color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 9,999 (0 to 9 touch keys)
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	879 mm x 566 mm x 610 mm
Weight	72 kg	80 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0W
Energy Used in Power Save Mode (Watt)	0.5W	1.5W
Energy Used in Ready Mode (Watt)	36W	250W
Energy Used While Copying (Watt)	590W	800W
Energy Used While Printing (Watt)	590W	800W
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	1200W
TEC	1.337KWh	info not avail.
Dedicated Outlet	Not required	Required
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	54 dB

Comparison d-Color MF283 versus Samsung MultiXpress X4300LX

	Olivetti d-COLOR MF283	Samsung MultiXpress X4300LX
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	INA
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	No
Windows NT	Yes	Info not avail
AppleTalk	No	No
UNIX	Yes	Yes
AS/400	No	Info not avail
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	eXtensible Open Architecture (XOA)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG/JPEG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	148.5 x 148.5/297 x 432
Max Paper / print Width	297/Info not avail	297/297
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	100/500
Redials (Attempts/intervals)	7/1 to 15 min	13/1 to 15 min
One Touch	None	Non Applicable
Speed Dial	2,000	500
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Samsung/X4300LX
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	30 ppm color/30 ppm black
Max Print Area	Info not avail	Info not avail
Enhanced Resolution	1800 x 600 dpi	1200 x 1200 dpi*
Unenhanced Resolution	600 x 600 dpi	1200 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Samsung/Info not avail
Processor / Bits / MHz	Info not avail/Info not avail/800	Chorus4N Dual Core/Info not avail/1 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5C/e/6, PostScript 3, XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/80 ipm color, 80 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	No
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	INA
LDAP Support	Yes	Yes

Comparison d-Color MF283 versus Sharp MX-2640N

	Olivetti d-COLOR MF283	Sharp MX-2640N
OEM	Konica Minolta (China)	Sharp (China/Thailand/Japan)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	Laser
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.1 sec color/5.9 sec black
Multicopy (ltr/lq/lmstr)	28 cpm color/28 cpm black	26 cpm color/26 cpm black
Warm-up Time	20 sec	18 sec
Standard Paper Soucer(s)	Dual drawer	Single drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	500 sheets
Paper Weights	60 to 256 g/m ²	60 to 220 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/55 to 300 gsm
Max Paper Sources	5	6
Max Paper Capacity	3,650 sheets	6,600 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A5/304.8 x 457.2
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	4-GB RAM, 320-GB HD/4-GB RAM, 320-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	36 opm color, 50 opm black/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	34 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 1,000/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	7
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
	177.8 mm color touchscreen	256.5 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 touch keys)
Message Display	Yes	Yes
Help Key	Yes	No
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	834 mm x 608 mm x 659 mm
Weight	72 kg	76 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	info not avail.
Energy Used in Power Save Mode (Watt)	0.5W	info not avail.
Energy Used in Ready Mode (Watt)	36W	info not avail.
Energy Used While Copying (Watt)	590W	info not avail.
Energy Used While Printing (Watt)	590W	info not avail.
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	1840W
TEC	1.337KWh	info not avail.
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	Info not avail

Comparison d-Color MF283 versus Sharp MX-2640N

	Olivetti d-COLOR MF283	Sharp MX-2640N
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Opt
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	No
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	Yes/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet
Interface Type	10/100/1000BaseT	10/100/1000BaseTX
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	None
Embedded Software Platform	Open Platform architecture	Open Systems Architecture (OSA)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	400 x 400 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	1-GB RAM/1-GB RAM
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/297
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	500/500
Redials (Attempts/intervals)	7/1 to 15 min	Programmable
One Touch	None	2,000
Speed Dial	2,000	2,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Sharp/MX-2640N
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	26 ppm color/26 ppm black
Max Print Area	Info not avail	304.8 x 457.2
Enhanced Resolution	1800 x 600 dpi	Non Applicable
Unenhanced Resolution	600 x 600 dpi	1200 x 1200 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Sharp/Network printing system
Processor / Bits / MHz	Info not avail/Info not avail/800	Info not avail/Info not avail/1.8 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 6, Adobe PostScript 3, opt XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/50 ipm color, 50 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Comparison d-Color MF283 versus Toshiba e-STUDIO 3055C SE

	Olivetti d-COLOR MF283	Toshiba e-STUDIO3055CSE
OEM	Konica Minolta (China)	Toshiba (China)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	OKI ES9465
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	LED
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.1 sec color/6.4 sec black
Multicopy (ltr/lq/lmstr)	28 cpm color/28 cpm black	30 cpm color/30 cpm black
Warm-up Time	20 sec	27 sec
Standard Paper Soucer(s)	Dual drawer	Dual drawer
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	550/550 sheets
Paper Weights	60 to 256 g/m ²	64 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/52 to 280 gsm
Max Paper Sources	5	5
Max Paper Capacity	3,650 sheets	3,200 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	A6/320 x 460
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 320-GB HD/2-GB RAM, 320-GB HD
Document Feeder	Opt RADF	Opt RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	Info not avail/100 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	35 to 157 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Positioin(s)	500, 3,200/50/3	600, 2,250, 3,250/50/3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Opt
Max overwrites	8	5
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	Yes
Encrypted PDF Mode(encrypted scanning)	Opt	Std
IPsec	Yes	Opt
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL	177.8 mm color touchscreen	Keypad and 228 mm color touchscreen
Quantity Selector	1 to 9,999 (0 to 9 touch keys)	1 to 999 (0 to 9 keypad)
Message Display	Yes	Yes
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	584 mm x 643 mm x 787 mm
Weight	72 kg	75.5 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, Amps not avail
Energy Used While Power Off (Watt)	0.01W	0.04W
Energy Used in Powrer Save Mode (Watt)	0.5W	1.2W
Energy Used in Ready Mode (Watt)	36W	96W
Energy Used While Copying (Watt)	590W	info not avail.
Energy Used While Printing (Watt)	590W	info not avail.
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	1095W
TEC	1.337KWh	2.1KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	50 dB

Comparison d-Color MF283 versus Toshiba e-STUDIO 3055C SE

	Olivetti d-COLOR MF283	Toshiba e-STUDIO3055CSE
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Opt
PC Fax	Opt	Opt
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/No
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseTX, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	No
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	SAP
Embedded Software Platform	Open Platform architecture	Open Platform architecture
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	406 x 392 lpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	1-GB HD/1-GB HD
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/297
DIALING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	200/400
Redials (Attempts/intervals)	7/1 to 15 min	14/Programmable
One Touch	None	None
Speed Dial	2,000	12,060
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Toshiba/e-STUDIO3055CSE
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	30 ppm color/30 ppm black
Max Print Area	Info not avail	11.67 x 17.67
Enhanced Resolution	1800 x 600 dpi	600 x 1200 dpi
Unenhanced Resolution	600 x 600 dpi	600 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Toshiba/e-BRIDGE
Processor / Bits / MHz	Info not avail/Info not avail/800	Power PC, APM86190/32/1.2 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 6, PostScript 3, XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/73 ipm color, 73 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
Ifax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	No
LDAP Support	Yes	Yes

Comparison d-Color MF283 versus Xerox WorkCentre 7830

	Olivetti d-COLOR MF283	Xerox WorkCentre 7830
OEM	Konica Minolta (China)	Fuji Xerox (China/South Korea)
Also Sold As	DEVELOP ineo+ 287; Konica Minolta bizhub C287e	None
TYPE	Full-color copier, MF	Full-color copier, MF
Configuration / Scanner	Desktop,digital	Desktop,digital
Technology	Laser	LED
GENERAL SPECIFICATION / PAPER HANDLING		
First Copy Time	8.4 sec color/6.8 sec black	8.4 sec color/6.7 sec black
Multicopy (ltr/lq/lmstr)	28 cpm color/28 cpm black	30 cpm color/30 cpm black
Warm-up Time	20 sec	180 sec
Standard Paper Soucer(s)	Dual drawer	Single drawer, triple tray
Standard Paper Capacity	500 (A4)/ 500 (A3) sheets	520/520/867/1133 sheets
Paper Weights	60 to 256 g/m ²	60 to 256 gsm
Bypass / Paper Weights	100-sheet / 60 to 256 g/m ²	100-sheet/55 to 300 gsm
Max Paper Sources	5	6
Max Paper Capacity	3,650 sheets	5,140 sheets
Max Original Size	A3	A3
Output Size (Min/Max)	A6/A3	89 x 98/320 x 483
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Std/Max)	2-GB RAM, 250-GB HD	2-GB RAM, 160-GB HD/2-GB RAM, 160-GB HD
Document Feeder	Opt RADF	Std RADF
Doc Feeder Speed / Capacity	45 opm color, 45 opm black/100 orig	70 opm color, 70 opm black/110 orig
Paper Weights	35 to 128 g/m ² , 50 to 128 g/m ²	50 to 128 gsm
Finisher	Opt finishers	Opt finishers
Tray / Stapling / Position(s)	500, 3,200/50/3	500, 2,000, 2,000/50/1, 3, 3
SECURITY SPECS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	No	Yes
HDD Overwrite	Std	Std
Max overwrites	8	3
HDD Encryption	Std	Std
Secure Print	Yes	Yes
Encrypted Secure print	Yes	No
Encrypted PDF Mode(encrypted scanning)	Opt	Std
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport layer Security	Yes	Yes
CONTROL PANEL		
Quantity Selector	177.8 mm color touchscreen	Keypad and color touchscreen
Message Display	1 to 9,999 (0 to 9 touch keys)	1 to 9,999 (0 to 9 keypad)
Help Key	Yes	Yes
ADDITIONAL INFORMATION		
Dimensions (HxWxD) basic unit	735 mm x 585 mm x 660 mm	1,149 mm x 1,064 mm x 699 mm
Weight	72 kg	146 kg
Power Requirements	220-240 V, Amps not avail	220-240 V, 10 A
Energy Used While Power Off (Watt)	0.01W	0.07W
Energy Used in Power Save Mode (Watt)	0.5W	4.2W
Energy Used in Ready Mode (Watt)	36W	62W
Energy Used While Copying (Watt)	590W	643W
Energy Used While Printing (Watt)	590W	643W
Energy Used While Scanning(Watt)	Info not avail	info not avail.
Max Power Consumption(Watt)	2000W	900W
TEC	1.337KWh	2.4KWh
Dedicated Outlet	Not required	Recommended
Energy Star Compliant	Yes	Yes
Operating Noise Level	Info not avail	56 dB

Comparison d-Color MF283 versus Xerox WorkCentre 7830

	Olivetti d-COLOR MF283	Xerox WorkCentre 7830
MULTIFUNCTION MODES		
Copier	Std	Std
Internet Fax	Std	Std
Network Printer	Std	Std
Printer	Std	Std
Fax	Opt	Opt
Network Fax	Opt	Std
PC Fax	Opt	No
Scanner	Std	Std
CONNECTIVITY SPECIFICATIONS		
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail/Yes/Yes	No/Yes/Yes
Network Interface	Std Ethernet	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT	10/100/1000BaseT, 802.11b/g/n
LAN Fax/Print/Scan	Yes/Yes/Yes	Yes/Yes/Yes
Networks Supported		
NetWare	No	Yes
Windows NT	Yes	Yes
AppleTalk	No	Yes
UNIX	Yes	Yes
AS/400	No	Yes
Other	Info not avail	
Embedded Software Platform	Open Platform architecture	Extensible Interface Platform (EIP)
FAX SPECIFICATIONS		
Scanner Technology	CCD	CCD
Compression Method	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG
Modem Speed	33.6 Kbps	33.6 Kbps
Max TX Resolution	600 x 600 dpi	600 x 600 dpi
Gray Scale / Halftones	256 levels	256 levels
Std/Max Fax Memory	Shared	Shared
Min/Max Original Size (WxL)	A5/A3	A5/A3
Max Paper / print Width	297/Info not avail	297/297
DIALLING CAPABILITIES		
Broadcasting (Groups/Dest)	100/600	200/400
Redials (Attempts/intervals)	7/1 to 15 min	14/1 to 25 min
One Touch	None	None
Speed Dial	2,000	5,000
PRINTER SPECIFICATIONS		
Engine Mfr & Model	Konica Minolta/bizhub C227	Fuji Xerox/Info not avail
Compatibility	PC, Mac	PC, Mac
Speed	28 ppm color/28 ppm black	30 ppm color/30 ppm black
Max Print Area	Info not avail	A3+
Enhanced Resolution	1800 x 600 dpi	1200 x 2400 dpi
Unenhanced Resolution	600 x 600 dpi	600 x 600 dpi
Std/Max Printer Memory	Shared	Shared
Controller Mfr/Model	Konica Minolta/Embedded Controller	Xerox/ConnectKey
Processor / Bits / MHz	Info not avail/Info not avail/800	FreeScale/Info not avail/1.2 GHz
PDL/PCL	PCL 5c/6, PostScript 3, XPS	PCL 5c/6, PostScript 3, HP-GL2, opt XPS
SCANNER AND IMAGE MANAGEMENT SPECIFICATIONS		
Connection Type	Network	Network, USB
Technology / Speed	CCD/45 ipm color, 45 ipm black	CCD/70 ipm color, 70 ipm black
Max Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	Yes	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	INA	Yes
LDAP Support	Yes	Yes

Product performances are referred to as appropriate use under optimal conditions.

The registered trademarks are the property of their respective owners.

The support and availability of the listed specifications and functions may vary depending upon operating systems, applications, network protocols as well as network and system configurations.

All information relating to specification and accessories is subject to change without notice.

Olivetti does not guarantee that any specifications mentioned will be error free.