KONICA MINOLTA

Giving Shape to Ideas

VERSATILE PERFORMANCE
IN COLOUR & MONO

bhC227
Color   B&W
22/22 ppm

PRINT

COPY

Scan **45** opm Simplex

SCAN TO USB

USB Print

Colour Internet Fax

Fax

MOBILE SUPPORT

AirPrint

Google Cloud Print Ready

PRINT WITH ANDROID

mopria

KMPS

INFO-Palette

Biometric Authentication

IC-Card Authentication

Emperon Driven!

Bioplastic

Recycled PC/ABS

PageScope Mobile

Simitri
with Biomass

bizhub C227

A3 Colour Multifunctional Printer
bizhub C227

The product design

The bizhub C227 adopts easy and intuitive INFO-Palette design with smart user interface. You get the same user experience through seamless operation across the PCs, tablets or smartphones.

INFO-Palette

Lighter and compact MFP body

The newly developed MFP offers compact and lightweight body so as to fit almost in any type of working space.

New 7 inch operation panel

The new 7 inch operation panel provides best in class multi-touch sensitivity, user friendly interface and intuitive operability. User can register up to 9 functions with the combination of hard and soft menu keys mounted on the panel.
The screen display function can be enlarged and screen display colour can be reversed for ease of use.

Hard registration keys
Register up to 4
commonly used function.

Soft menu keys
Register up to 5 commonly used function.

Soft menu keys will appear by tapping ont the screen tab.

Widgets function

The new bizhub C227 comes with embedded widget application where users can install and execute within the MFP operation panel. Text boxes, icons or GIF animations can be configured and used for internal communication, messages and rules.

To connect with iOS devices

For the iOS devices, you can search and register nearby bizhub into the PageScope Mobile (PSM)[3] via Bluetooth LE (BLE)[4] technology. iOS devices can also be used to log-into bizhub via BLE connection. Selected files on PSM can be printed[5] directly or scan[5] files to iOS devices.

*3 PageScope Mobile for iPhone / iPad version 5.0 or higher is required.
*4 Otional Device Connection I/F Kit EK-609 is required.
*5 Wireless LAN environment is required to perform print and scan.

Wireless LAN (AP mode) support

Make your bizhub wireless LAN Access Point[6] to wirelessly connect mobile devices. Devices thus will not only able to connect directly with bizhub but are also securely separated from existing LANs.
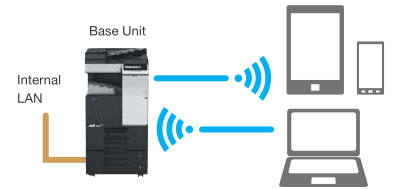PageScope Mobile[3] will enable more convenience as wireless set up can be completed between a mobile device and bizhub by reading the QR code that is displayed on the machine panel.

*6 Optional Upgrade Kit UK-212 and Device Connection I/F Kit EK-608 or EK-609 are required.

QR code display screen   Wireless LAN (AP mode) connection image

Base Unit

Internal
LAN

*In AP mode (base unit), simultaneous connections can be made with up to 5 devices.

Standard web browser

The multi-touch UI in the operational panel can be used to display and print webpage contents. Printing of portions of PDF files or maps directly from the websites are more convenient now.

To connect instantly without print drivers to the industry standard mobile technologies

Apple's standard printing system is compatible with iOS 4.2 and Mac OS 10.7 or later. A compatible printer on your wireless LAN can be used.

AirPrint

Mopria Print Service

Wireless printing technology established by Mopria Alliance. It allows you to print from devices installed with Android 4.4 or later.

mopria

Google Cloud Print

A cloud print service provided by Google. You can print from any location via the internet regardless of OS or device type.

* Google Cloud Print Setup & Google account registration are required.
* Optional Upgrade Kit UK-21 is required.

Google
Cloud Print Ready

Konica Minolta Print Service

Print directly to bizhub via a wireless LAN from all apps that supports Android's print function.

PageScope Mobile

Konica Minolta's proprietary mobile print application allows usage of wide range of bizhub functions such as duplex print, security print, staple and punch.

To connect with Android devices

The operation panel is equipped with newly embedded Mobile Touch Area to support NFC (Near Field Communication) connection for Android[1] devices. Pairing can be performed, through Page Scope Mobile (PSM), by touching the area with Android device. First select the files on PSM and then touch the device to the operation panel to perform print[2] or scan[2].

*1 NFC connection requires Android OS 4.4 or highest to be installed.
*2 Wireless LAN environment is required to perform touch to print & scan.

Authentication on the MFP main unit

User can perform authentication directly on the main unit. Access control can be set up for functions like print, scan, copy and fax[1]

*1 Fax feature requires optional Fax Kit Fk-513 & HDD will be needed if MFP does not equip the HDD as standard.

Server-less pull printing

Print jobs sent by user can be printed from any MFP in the office print group. To allows user to build a server-less pull printing system easier and with low introduction cost.

* A pull printing system consisting of a maximum of 10 MFPs can be created. It is necessary that all corresponding MFPs be in the same network.
* Optional i-Option LK-114 and Upgrade Kit UK-211 are required to be installed to each of the MFP.

IC card authentication

Users can authenticate[2] with various types of IC card[3]. The authentication method complies with SSFC (Shared Security Formats Cooperation). Besides the IC Card, users can authenticate with Android devices[4] with equipped NFC antenna.
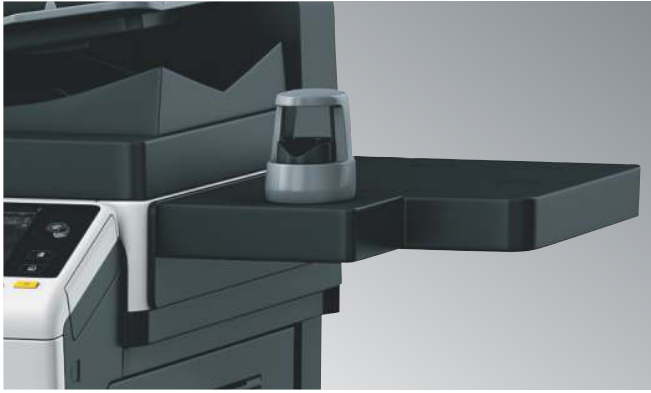
*2 Optional Authentication Unit AU-201S and Device Connection I/F Kit EK-608 or EK-609 are required.
*3 Compliant non-contact IC cards include FeliCa (Idm), SSFC, FCF, FCF (campus), FeliCa Private, and MIFARE (UID).
*4 Requires Android 4.4 or later that supports HCE (Host Card Emulation) or PageScope Mobile for Android v4.1 or later.

Biometric authentication

Scans the veins on the finger as the biometric data which offers very high-level security and is easy to implement[4].

*4 Optional Biometric Authentication Unit AU-102, Working Table WT-506 and Device Connection I/F Kit EK-608 or EK- 609 are required.

TPM (Trusted Platform Module)

TPM (Trusted Platform Module) is a security chip which encrypts and decrypts confidential data. The information is encrypted and stored in dedicated storage area in the chip to avoid unauthorized reading.
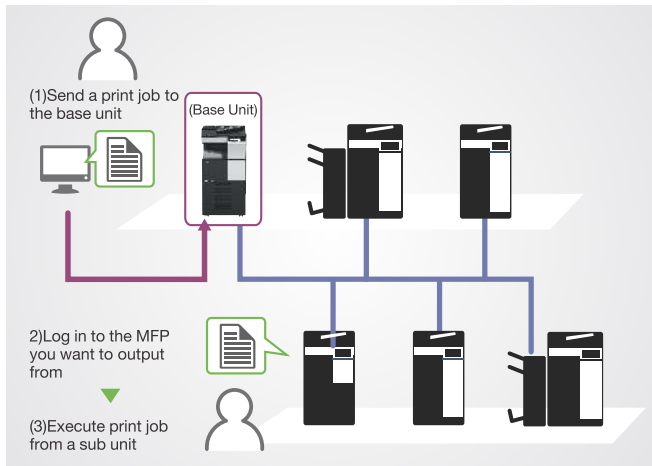* Optional i-Option LK-115 v2 is required.

Server-less pull printing

With server-less pull printing, print jobs sent by user can be printed from any MFP in the same network.
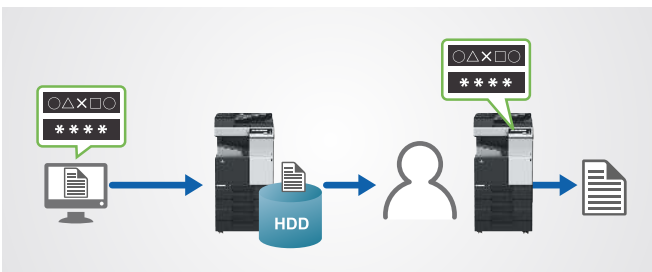* A pull printing system consisting of a maximum of 10 MFPs can be created. It is necessary that all corresponding MFPs be in the same network.
* Optional i-Option LK-114 and Upgrade Kit UK-211 are required to be installed to each of the MFP.

(1)Send a print job to the base unit
(Base Unit)

2)Log in to the MFP you want to output from

(3)Execute print job from a sub unit

ID & Print

To restrict the outputs to specific user or print confidential documents, user can set a password before executing the print. The print data will be stored in the HDD of the MFP and will not be printed until the same password is entered on the MFP.
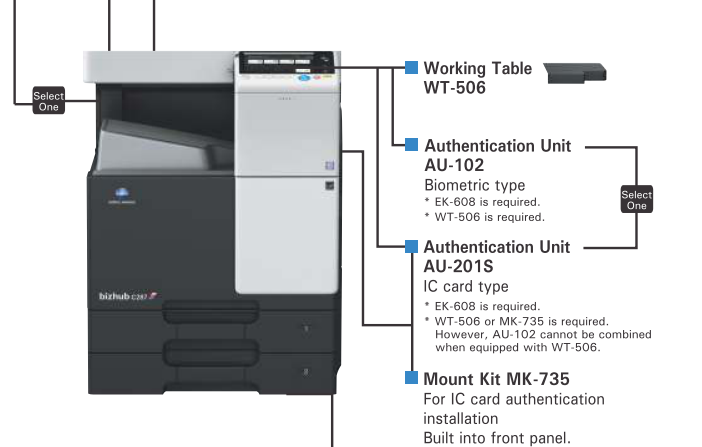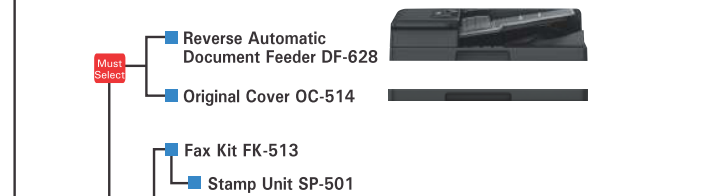
HDD

Environmental contribution is always the top priority

Top class power consumption and TEC value in its class

The MFP's CPU power is set to turn off during sleep mode. This results in a best-in-class 0.5 W power consumption ratio (during sleep mode). The TEC value has also been reduced approximately by 67-68%. CO_2 emission from the MFP is drastically reduced.

SYSTEM

■ **Upgrade kit UK-211**
2 GB memory

■ **Upgrade kit UK-212**
Wireless LAN kit
* EK-608 or EK-609 is required.

■ **Device Connection I/F Kit EK-608**
USB hub kit / Voice guidance

■ **Device Connection I/F Kit EK-609**
Bluetooth LE / Voice guidance

■ **bizhub Connector S-1/G-1/E-1**

■ **Keypad KP-101**

■ **Staple Kit SK-602**
* for FS-534, FS-534SD

■ **Mount Kit MK-603**
* Required for FS-534, FS-534SD, FS-533, JS-506

■ **Relay Unit RU-514**

■ **Finisher FS-534 / SD**
A compact and high-performance finisher with multi-staple up to 50 sheets.
* MK-603 is required.

■ **Punch Kit PK-520**
Attaches to Finisher FS-534/FS-534SD for hole punching capability
(paper up to 300 g/m² thick)

■ **Mount Kit MK-602**

■ **Finisher FS-533**
Inner finisher
* MK-603 is required.

■ **Punch kit PK-519**

■ **Job Separator JS-506**
Inner job separator
* MK-603 is required.

Must Select

■ **Reverse Automatic Document Feeder DF-628**

■ **Original Cover OC-514**

■ **Fax Kit FK-513**

■ **Stamp Unit SP-501**

Select One

■ **Working Table WT-506**

■ **Authentication Unit AU-102**
Biometric type
* EK-608 is required.
* WT-506 is required.

Select One

■ **Authentication Unit AU-201S**
IC card type
* EK-608 is required.
* WT-506 or MK-735 is required. However, AU-102 cannot be combined when equipped with WT-506.

■ **Mount Kit MK-735**
For IC card authentication installation
Built into front panel.

Select One

■ **Paper Feed Cabinet PC-114 (500 x 1)**
● A5 (Short edge feed) to A3
● 500 sheets × 1
● 60 to 256 g/m²

■ **Paper Feed Cabinet PC-214 (500 x 2)**
● A5 (Short edge feed) to A3
● 500 sheets × 2
● 60 to 256 g/m²

■ **Paper Feed Cabinet PC-414 (2,500)**
● A4/Letter (Long edge feed)
● 2,500 sheets
● 60 to 256 g/m²

■ **Desk DK-514**

Note: Some options are not listed.

Select One One of the options may be selected (not mandatory)

Must Select One of the options must be selected (mandatory)

bizhubC227 Printer Specifications

	bizhub C227
Type	Embedded
CPU	ARM Cortex-A7 Dual-core 1.2GHz
Memory	2 GB (2,048 MB)
Print Speed	22 ppm
HDD	250 GB (Optional, shared with the copier)
Print Resolution	1,800 dpi (equivalent) × 600 dpi
PDL	PCL5e/c, PCL 6, PostScript 3 Emulation, XPS, BMLinkS
Protocol	TCP/IP (LPD, Raw, SMB, IPP), IPX/SPX (NDS support), AppleTalk
Support OS	Windows Vista*[1] / 7*[1] / 8*[1] / 8.1*[1] / 10*[1]
	Windows Server 2008*[1] / 2008 R2 / 2012 / 2012 R2
	Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10 / 10.11)
	Linux
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T),
	USB 1.1, USB 2.0, IEEE 802.11 b/g/n*[2]

*1 Supports the 32-bit (x86) or 64-bit (x64) environment.
*2 Optional

Scanner Specifications

Type	Full- Colour Scanner
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T),
	USB 1.1, USB 2.0, IEEE 802.11 b/g/n*[1]
Driver	TWAIN Driver, HDD TWAIN Driver
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV) (IPv4/IPv6)
Scanning Speed(Colour/B&W) (300 dpi, A4, Simplex)	45 opm*[2]
Scanning Size	Max. A3 (11" × 17")
Output Format	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML (pptx, xlsx*[1], docx*[1]), Searchable PDF*[1], PDF/A*[1], Linearised PDF*[1]
Scanning Resolution	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi
	Pull	100 dpi / 200 dpi / 300 dpi / 400 dpi / 600 dpi
Main Functions	Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to PC (SMB), Network TWAIN, Scan to WebDAV, Scan to USB, Scan to Scan Server, Scan to Me, Scan to Home, Scan to Web Service (WSD-Scan), Device Profile for Web Services (DPWS)
Other Functions	Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation
Support OS	Windows Vista*[3] / 7*[3] / 8*[3] / 8.1*[3] / 10*[3]

*1 Optional
*2 When using the Reverse Automatic Document Feeder DF-628.
*3 Supports the 32-bit (x86) or 64-bit (x64) environment.

Copier / General Specifications

Type		Desktop Full ColourA3 Multifunctional Printer
Colour Support		Full colour
Copy Resolution	Scan	Main: 600 dpi × Sub: 600 dpi
	Print	1,800 dpi (equivalent) × 600 dpi
Gradation		256
Memory Capacity (Std./Max.)		2 GB
HDD		250 GB (optional)
Original Type		Sheets, Books, Objects
Max. Original Size		A3
Output Size	Main unit	A3 to A5
	Bypass Tray	A3 to A5, B6*[1], A6*[1], Postcard, Envelope*[2], Tab paper,Banner paper (Width: 210 mm to 297 mm, Length: 432 mm to 1,200 mm)*[3]
Warm-Up Time*[4] (23°C, std. voltage) * The time required to start printing when both the main power and sub-power switches are turned from OFF to ON.		Colour/B&W: 20 sec. or less
* The time required to start printing when the main power switch is ON and the sub-power switch is turned from OFF to ON.		Colour/B&W: 20 sec. or less
First Copy Out Time*[5]	Colour	8.4 sec. or less
	B/W	6.8 sec. or less
Copy Speed (Colour/B&W, A4)		22 ppm
Copy Magnification	Fixed Same Magnification	1: 1±0.5% or less
	Scaling Up	1: 1.154/1.224/1.414/2.000
	Scaling Down	1: 0.866/0.816/0.707/0.500
	Preset	3 types
	Zoom	25 to 400% (in 0.1% increments)
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)
Paper Capacity (80 g/m²)	Tray 1	500 sheets
	Tray 2	500 sheets
	Multiple Bypass Tray	100 sheets
Max. Paper Capacity (80 g/m²)*[6]		3,600 sheets
Paper Weight	Tray 1 / 2	60 to 256 g/m
	Multiple BypassTray	60 to 256 g/m

Auto Duplex	Paper Size	A3 to A5, B6*[1], A6*[1], Postcard
	Paper Weight	60 to 209 g/m²
Power Requirements		AC220 to 240 V 8 A (50 to 60 Hz)
Max. Power Consumption		1.58 kW or less
Dimensions [W] × [D] × [H]		585 × 660 × 787 mm (23-1/16" × 26" × 31")
Weight		Approx. 72 kg (158-3/4 lb)
Space Requirements [W] × [D]*[7]		899 × 1,090 mm (35-1/2" × 45-15/16")

*1 Short edge feed
*2 Wrinkles or printing errors may occur due to the type, storage or environment that exists when envelope printing is carried out.
*3 Printing on banner paper can only be performed from a PC.
*4 May vary depending on the operating environment and usage.
*5 A4 long edge feed full size/using the first tray/scanning from the original glass surface.
*6 With options installed.
*7 Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

Internet Fax

Protocol	TX: SMTP, RX: POP3, TCP/IP Simple mode
Connection Mode	Full-Mode
Sending Paper Size	A3, B4, A4
Recording Paper Size	Max. A3
Resolution	B/W: 200 × 100 dpi, 200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
	Colour: 200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Colour	Support Colour Internet Fax
Format	B/W: TIFF-F
	Colour: TIFF (Conforms to RFC3949 Profile-C)

Fax Kit FK-513 (Optional)

Communication	Super G3
Compatible Lines	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line
Line Density	Ultra Fine: 600 dpi 600 dpi
	Super Fine: 16 dot/mm 15.4 line/mm, 400 dpi 400 dpi
	Fine: 8 dot/mm 7.7 line/mm, 200 dpi 200 dpi
	Normal: 8 dot/mm 3.85 line/mm
Modem Speed	2.4 to 33.6 kbps
Compression	MH/MR/MMR/JBIG
Sending Paper Size	Max. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3 (Long Length Max. 1,000 mm following the page division)
Transmission Speed	Less than 2 sec. (A4, V.34, 33.6 kbps, JBIG)
Memory	Shared with the copier
Number of Abbr. Dials	2,000
Number of Program Dials	400
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 600

IP Address Fax   *Optional Fax Kit FK-513 is required.

Protocol Transmission	TCP/IP, SMTP
Sending Paper Size	A3, B4, A4
Resolution	200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Format	B/W: TIFF-F, TIFF-S
	Colour: TIFF, PDF

Reverse Automatic Document Feeder DF-628 (Optional)

Type		Circulatory duplex system
Support Paper Size		Max. A3 (Fax mode: Max. 1,000 mm)
Mixed Size		Support
Original Set		Centre guide
Support Paper Weight		Simplex: 35 to 128 g/m
		Duplex/Mixed Original: 50 to 128 g/m
Paper Capacity		Max. 130 sheets (68 g/m)
Productivity (A4)	Simplex	Colour/B&W: 45 opm (300 dpi), 36 opm (600 dpi)
	Duplex	Colour/B&W: 22 opm (300 dpi), 17 opm (600 dpi)
Power Requirements		Supplied from the MFP main body
Dimensions [W] × [D] × [H]		585 × 504 × 127 mm (23" × 19-3/4" × 5")
Weight		Approx. 9 kg (19-3/4lb)