

InFocus

InFocus FM-2833 Series

Monochrome Laser MFP



It is recommended that you read this Guide carefully before using the printer

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Welcome to the InFocus series products!

We heartily appreciate your using of InFocus series products!

To protect your vital interests, please carefully read the following statements.

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The product can only be used safely in the non-tropical areas at an altitude no higher than 2000 meters.

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Unplug the product

This product must be put in a place near and with easy access to power socket so as to unplug the product in time!

Laser Safety

The laser radiation is harmful to the human body. Since laser components are completely sealed in the printer, laser radiation will not leak. To avoid laser radiation, please do not randomly disassemble the printer!

The printer follows the provisions of Class 1 laser products under CFR standard. The printer has a Class III B laser diode, which has no laser radiation leakage among laser components.

The laser components shall comply with the requirements of: U.S. Code of Federal Regulations, 21 CFR 1040, IEC 60825-1

The following label is attached to the laser components inside the printer:



GUZYmK Ufb]b[

Please note the following safety warnings before using the printer:

	! K Ufb]b[There is high-voltage electrode inside the printer. Before cleaning the printer, make sure the power is turned off!	
	Plugging and unplugging the power cord plug with a wet hand can result in an electric shock.	
	The fuser unit is hot when and after printing. Touching the fuser unit (the shaded area as shown) may cause burns!	
	The fuser unit is attached with a high temperature warning label. Please do not remove or damage this label.	

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1. Read and understand all instructions.
2. Familiarize yourself with the basic principles associated with operating electrical appliances.
3. Comply with all warnings and instructions marked on the equipment or specified in the manual supplied with the equipment.
4. If the operating instructions conflict with the safety information, please refer back to the safety information, as you may have misunderstood the operating instructions. If you cannot resolve the conflicts, please call the Customer Service Hotline or contact a service representative for help.
5. Before cleaning the equipment, remove the power cord from the AC power supply outlet. Do not use liquid or aerosol cleaners.
6. Please make sure that the equipment is put on a stable desktop surface to avoid serious damage caused by the falling of the equipment.
7. Do not put the equipment near a radiator, an air conditioner, or a ventilation pipe.
8. Do not put any articles on the power cord. Do not put the equipment at the place where its power cord could be stepped on by people.
9. Outlets and extension cords must not be overloaded. This may reduce performance and could result in fire or electric shock.
10. Do not allow pets to chew on the AC power cord or the computer interface cable.
11. Do not allow sharp objects piercing equipment slot, so as to avoid contact with the high-voltage device, which otherwise may result in fire or electric shock. Take care not to spill liquids onto the equipment.
12. Do not disassemble the equipment so as to avoid the risk of electric shock. Necessary repairs may only be carried out by professional maintenance personnel. Opening or removing the cover could result in an electric shock or other potential hazards. Incorrect disassembly and assembly could also result in an electric shock during future use.
13. If any one of the following occurs, disconnect the equipment from the computer and pull out the power cord from the AC wall socket and contact a qualified member of the service personnel for maintenance:
 - Liquid has been spilled into the equipment.
 - The equipment has been exposed to rain or water.
 - The equipment falls, or the cover is damaged.
 - Significant changes in the equipment's performance.
14. Only adjust the control mentioned in the instructions. Incorrect adjustment of other controls may result in damage and mean that professional maintenance personnel need to spend more time fixing it.

15. Do not use the equipment in a thunderstorm so as to avoid the risk of an electric shock. If possible, pull out the AC power cord during a thunderstorm.

16. If you continuously print multiple pages, the surface of the tray will become very hot. Take care not to touch this surface, and keep children away from this surface.

17. The signal wire of the device connected with the printer can not be connected to the outdoors.

18. Please ensure timely ventilation in case of a prolonged use or printing huge amounts of documents in a poorly ventilated room.

19. In standby status, the product will automatically enter into the power saving (sleep) mode if it does not receive any job order for a while (such as 1 minute); and it can realize zero power consumption only if it has not been connected with any external input power supply.

20. As the Class 1 equipment, the product must be connected to the power supply outlet with protective grounding line when using.

21. This product should be placed according to the shipping marks on the product package box during delivery.

22. This product is a kind of low-voltage equipment. When using this product below the specified voltage range, please refer to the product precautions or call Aftersales Service Centre, if the toner comes off the printed contents, or the equipment starts slowly.

23. This product is sold as a complete machine. The consumers can go to Aftersales Service Centre to purchase parts they need. If the product sold is inconsistent with the package list, please go to the specified Aftersales Service Centre to solve the problem.

24. Install this product in a place with the temperature between 10°C and 35°C and the relative humidity between 20% and 80%.

25. For security and other reasons the printer may switch to intermittent printing after a certain amount of continuous printing.

26. This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

27. IC Radiation Exposure Statement:

This equipment complies with Canada and FCC radiation exposure limits set forth for uncontrolled environments.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

28. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

29. Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

30. The power consumption of the product with wireless function is 2.366W / without wireless function is 1.888W in networked standby if all wired network ports are connected and all wireless network ports are activated.

31. Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

32. This Class B digital apparatus complies with Canadian ICES-003.

33. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the back of this equipment is a label that contains, among other information, a product identifier in the format US: VFCFA01A5103M. If requested, this number must be provided to the telephone company. This equipment uses the following USOC jacks: RJ-11, RJ-45, USB jacks and power jacks.

34. REN (RINGER EQUIVALENT NUMBERS) STATEMENT

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

Notice: The Ringer Equivalence Number (REN: 0.1A) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

35. ATTACHMENT LIMITATIONS STATEMENT

Notice: This equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). This is confirmed by marking the equipment with the Industry Canada certification number. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together.

This precaution may be particularly important in rural areas.

Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

36. This product meets the applicable Industry Canada technical specifications

37. Please keep this User Guide properly.

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This symbol indicates that, at the end of your product's life, it must not be discarded as domestic waste. Instead, you should dispose of your used equipment at a designated collection point for the recycling of waste electrical and electronic equipment. Ref: EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE). Please contact your distributor / supplier for further information.



This product is suitable for indoor use only.



This printer is fully compliant with the ROHS Directive 2009/95/EC and the requirements of the revised Directive 2011/65/EU for managing toxic and hazardous substances.

Table of Contents

1. Before Using the Printer	1
1.1. Product series introduction	1
1.2. Supplied Accessories	2
1.3. Product View	3
1.4. Laser Toner Cartridge	5
1.5. Control Panel	6
1.5.1. Overview of control panel	6
1.6. Function of status indicator	7
1.7. Function of power indicator	7
2. Paper and Print Med	8
2.1. Paper Specification	8
2.2. Special Paper	9
2.3. Non-printing Area and Non-scanning Area	10
2.4. Loading Paper	11
2.4.1. Loading into the Automatic Feeder Tray	11
2.4.2. Install manual feed tray	13
2.5. Paper and Manuscript Use Process	15
2.5.1. Scanning With Tablet	15
2.5.2. Scan with the automatic document feeder (ADF)	17
3. Driver installation and uninstallation	18
3.1. Driver installation based on Windows system	18
3.1.1. Installation via USB connection	18
3.1.2. Installation via wired network connection	19
3.1.3. Driver uninstallation	20
3.2. Driver installation based on Mac system	20
3.2.1. Driver installation	20
3.3. Add printer to Mac system	21
3.3.1. Add in USB connection mode	21
3.3.2. Addition in wired network connection mode	22
4. Wired network setup	23
4.1. Set IP Address	23
4.1.1. Automatic Setting	23
4.1.2. Manual Setting	23
5. Web server	24
5.1. Visit the embedded Web server	24
5.2. Use Web server to manage printer	24
5.2.1. IP address setup	25
5.2.2. Machine setup	26
5.2.3. Recover factory settings via Web server	28
6. Print	29
6.1. Print Function	29
6.2. Print Settings	30
6.3. Cancel printing	30
6.4. Printing Mode	30
6.4.1. Printing with the Automatic Feeder Tray	30
6.4.2. Printing with manual feed tray	31

6.5. Automatic Two-Sided Printing	31
6.5.1. Duplex printing unit setup	32
6.5.2. How to carry out auto duplex printing	33
6.6. Fine mode printing	35
6.7. Mute printing	35
6.8. Auto shut-off setting	36
6.9. Open Help Document	37
7. Copy	38
7.1. Copying function	38
7.2. Copying method	38
7.3. Copying cancel	38
7.4. Common copying setting	39
7.4.1. Image quality	39
7.4.2. Intensity	39
7.4.3. Resizing	40
7.4.4. Multipage	40
7.4.5. Clone	41
7.4.6. Poster	41
7.4.7. Collated copy	42
7.4.8. Manual duplex copying	42
7.4.9. Paper setting	44
7.5. ID card copying setting	44
7.5.1. Arrangement mode	45
7.5.2. Intensity	45
7.5.3. Paper dimension	45
7.6. Receipt setting	46
7.6.1. Intensity	46
7.6.2. Paper setting	46
8. Scan	47
8.1. Pull Scan	47
8.1.1. Scan Application	47
8.1.2. TWAIN Scan Driver	48
8.1.3. WIA Scan Driver	50
8.2. Mac System Scan	55
8.2.1. ICA Scan	55
8.2.2. TWAIN Scan	58
8.3. Push Scan	59
8.3.1. Scan to PC	59
8.3.2. Scan to E-mail	59
8.3.3. Scan to FTP	60
8.3.4. Scan to U disk	61
8.4. Cancel Scan Job	61
9. Mobile Print/Scan	62
9.1. "InFocus" APP	62
9.1.1. Operating systems supported	62
9.1.2. How to download InFocus App	62
9.1.3. How to use this "InFocus" APP	62

10.General Settings.....	64
10.1.System Settings.....	64
10.1.1. Ink saving setting	64
10.1.2.Language Setting	65
10.1.3.Restore Factory Settings	65
10.1.4.Sleep Time Setting	66
10.1.5.Mute printing	66
10.1.6.Auto shut-off setting	67
10.2.Network Settings.....	68
10.3.Network Information.....	68
10.4. Print information report	69
10.5. Residual amount of toner.....	69
10.6. Online upgrade	70
11.Routine Maintenance	71
11.1.Cleaning the Printer	71
11.2.Toner cartridge and drum component maintenance	74
11.2.1.About toner cartridge and drum component.....	74
11.2.2.Replace toner cartridge and drum component.....	74
12. Troubleshooting.....	79
12.1.Cleaning Jammed Paper	79
12.1.1.Middle jam.....	79
12.1.2.Paper Jam in the Fuser Unit	81
12.1.3.Duplex Unit Jam.....	84
12.1.4. A paper jam occurs on the automatic document feeder (ADF)	85
12.2.Software Failure.....	87
12.3. Error Message	87
12.4. Common Troubleshooting.....	88
12.4.1.Common Trouble	88
12.4.2. Image Defects	91
13. Menu Struct	94
14. Product Specificati	95
14.1.Overview of the Specifications.....	95
14.2.Print Specifications	97
14.3.Copy Specifications	97
14.4.Scan Specifications	97

1.Before Using the Printer

1.1.Product series introduction

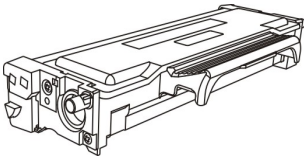
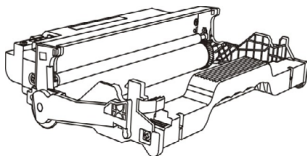
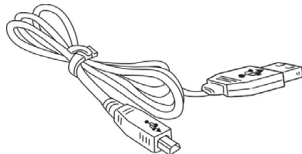
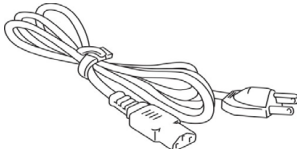
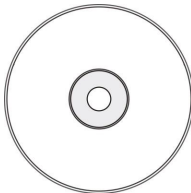


Product series parameters			FM-2833ND
Interface type	USB		●
	NET		●
type Language	PDL		●
Control Panel	LCD		●
Print Speed	A4	33ppm	●
	Letter	35ppm	●
Automatic Two-Sided Printing			●
Mute printing			●
Copy			●
Scan			●
ADF			●

(●: Support; Blank: Unsupport)



- Note:**
- This product series is subject to additions or changes without prior notice. or after restoring to factory settings.
 - For this user manual, the "ADF" is short for automatic document feeder.

1.2.Supplied Accessories

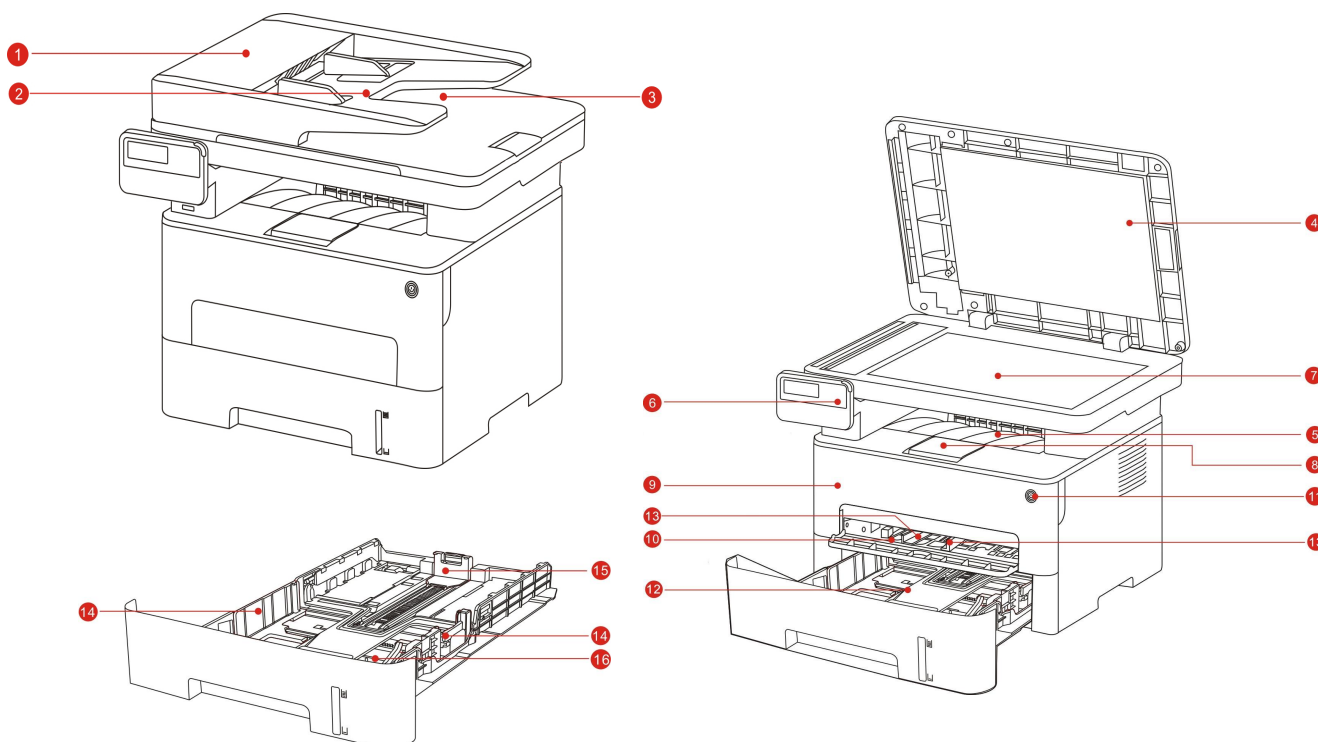
Name	Parts
Toner cartridge	
Drum component	
USB Interface Cable	
Power Cord	
CD	
Quick Setup Guide	
Warranty	



Note: • The Warranty may not be attached in some regions.

1.3.Product View

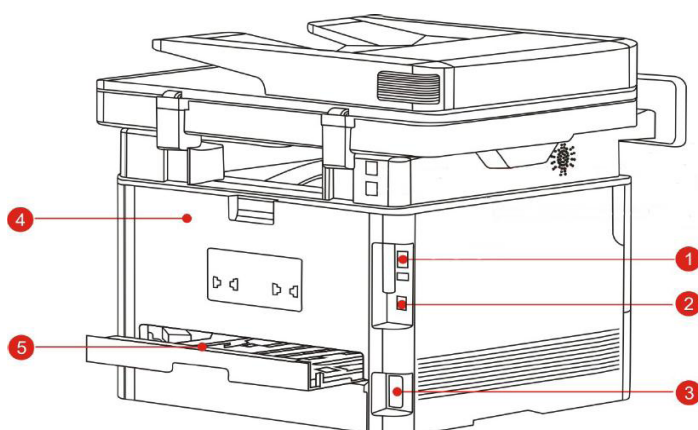
Side view



1	Cover of automatic document feeder	This is used to remove the paper jammed in scanning for the ADF.
2	Feed tray of automatic document feeder	This is used to place originals scanned from the ADF.
3	Exit tray of automatic document feeder	Prevent originals scanned from falling off.
4	Cover of scanner	Open the cover of scanner to place the scanned originals on its glass plate.
5	Output Bin	For storing the printed paper.
6	Control Panel	Indicate printer status to conduct set operation.
7	Glass Platen	This is used to place originals scanned from platen.
8	Output Tray	To prevent the printed paper from falling.
9	Front Cover	To open the front cover to take out the laser toner cartridge.
10	Manual feed tray	For placing mediums that are printed in manual feed tray.
11	Power switch	Turn the power on or off and press this button under Ready state to enter energy-saving mode. Press and hold this button for more than 2s to turn the printer power off.

12	Automatic Feeder Tray	For placing mediums that are printed in auto feed tray.
13	Paper deflector of manual feed tray	Slide paper deflector to adapt to paper width
14	Paper width deflector of auto feed tray	Slide paper width deflector to adapt to paper width.
15	Paper length deflector of auto feed tray	Slide paper length deflector to adapt to paper length.
16	Clip of extended tray of auto feed tray	For adjustment of length extension of the tray .

Rear View



1	USB Interface	For connecting product to computer with USB cable.
2	Network Interface	For connecting product to network with network cable.
3	Power Interface	For connecting product to power with power cord.
4	Rear Cover	For paper release when it gets jammed.
5	Duplex Printing Unit	For paper feed at duplex printing and paper release when paper gets jammed at duplex printing.

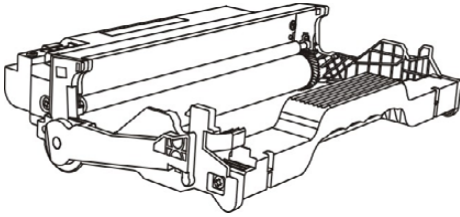


Note: • Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

1.4.Laser Toner Cartridge

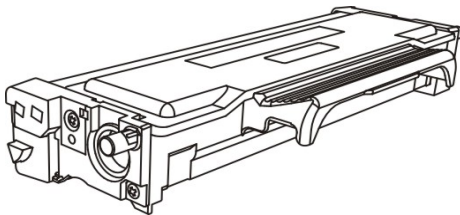
Laser toner cartridge is composed of drum component and toner cartridge.

Service life of drum component



Type	Average Print Volume
Longevity of drum component	About 12000 Pages(Based on ISO 19752 standard)

Service life of toner cartridge



Type	Average Print Volume
Standard-volume toner cartridge	About 1500 Pages(Based on ISO 19752 standard)
High-volume toner cartridge	About 3000 Pages(Based on ISO 19752 standard)

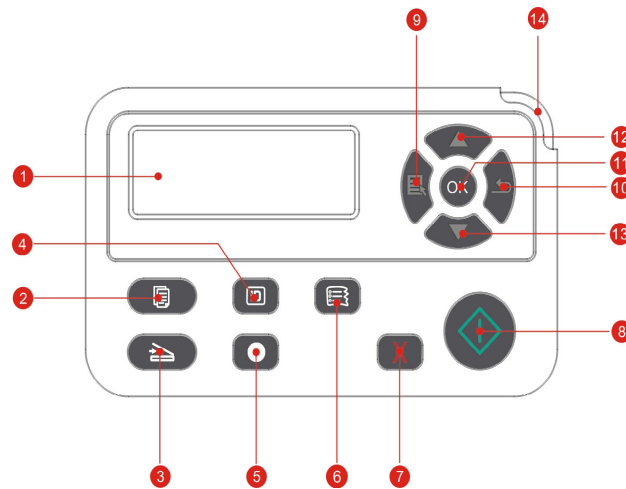


- Note:**
- The model is subject to increase without notice.
 - Consumables capacity may vary with different using types.
 - The Company does not recommend using consumables other than the original consumables provided, as any damages caused by non-original consumables are not covered by the scope of warranty.
 - Toner cartridge appearance may differ because of multiple volume and models, so the schematic diagram is only for your reference.

1.5.Control Panel

1.5.1.Overview of control panel






The layout of the printer control panel is shown below:






No.	Name	Functions
1	LCD Display	Display operation interface and product information.
2	Copy Button	Press this button to enter into copy mode.
3	Scan Button	Press this button to enter into scan mode.
4	ID Card Copy Button	Press this button to enter into ID Card Copy mode.
5	Save toner key	Open save toner function
6	Bill Copy Button	Press this button to enter into Bill Copy mode.
7	Cancel	Execute cancel operation Idle state interface under copy mode, to reset the "Number of Copies" to 01.
8	Start Button	This is used to start relevant operations after finishing operation settings. In case of a feed failure, please press this key for pick-up and printing again.
9	Menu	Open the main menu of control panel
10	Back	Return to the previous menu.
11	OK	Confirm the selection on screen.
12	UP	Scroll through the menus and options . Increase 1 copy on the ready interface of Copy mode.
13	Down	Scroll through the menus and options . Decrease 1 copy on the ready interface of Copy mode.
14	Status Light	Indicate the status of printer. (Please see Chapter 1.6).

1.6. Function of status indicator

The meanings of status displayed by the status indicator are as below:

No.	Status displayed by the status indicator	Status	Status Description
1		Die out	Shutdown or sleep state
2		Green indicator normally on	Printer is ready
3		Green indicator blinks	Operative modes of Print, Copy, Scan and others
4		Orange indicator blinks	Low toner warning
5		Red indicator normally on	<ul style="list-style-type: none">• Toner cartridge error (uninstalled ink cartridge, unmatching ink cartridge, invalid toner cartridge)• Drum unit error (the drum units are not installed, not compatible or come to the end of their service lives.)• Paper error (a paper out, paper jam or feed failure occurs)• Scan error (a scanning failure occurs, and the ADF has an open cover or a paper jam.)

1.7. Function of power indicator

No.	Status displayed by power indicator	Status	Status Description
1		Die out	Shutdown status
2		Always on	Booting and ready states
3		Blink	Sleep mode

2. Paper and Print Media

2.1. Paper Specification

Automatic Feeder Tray	Media Type	Plain paper(70~105g/m ²),thin paper(60~70g/m ²)
	Media size	A4, Letter, A5, Legal, Statement, JIS B5, Folio, Oficio, Executive, ISO B5, A6, B6, 16K, Big 16K, 32K, Big 32K,Custom
	Media weight	60~105g/m ²
	Maximum capacity of the tray	250 pages (80 g/m ²)
feed tray Manual	Media Type	Plain paper(70~105g/m ²),thin paper(60~70g/m ²),thick paper(105~200g/m ²),transparent film,carton paper,label paper, envelope
	Media size	A4, Letter, Legal, Folio, Oficio, Statement, Executive, JIS B5, ISO B5, A5, A6, B6, Monarch Env, DL Env, C5 Env, NO.10 Env, C6 Env, Japanese Postcard, ZL, 16K, Big 16K, 32K, Big 32K, Yougata4, Postcard, Younaga3, Nagagata3, Yougata2,Custom
	Media weight	60~200 g/m ²
	Maximum capacity of the tray	1 pages



Note: • 80 g/m² standard paper is recommended for this printer.

- It is not recommended to use special paper extensively, which may affect the service life of the printer.
- The print media that does not meet the guidelines listed in this User Guide may result in poor print quality, increased paper jam and excessive wear of the printer.
- Properties such as weight, composition, texture and humidity are important factors affecting the printer performance and output quality.

Please note the following matters when selecting the print media:

- 1.Desired print effect: The print media selected should meet the requirement of the print tasks.
2. Surface smoothness: The smoothness of the print media may affect the sharpness of the print outcome.
3. Some print media may meet all the use guidelines contained herein, but they still can not bring satisfactory effect.

This may be due to incorrect operation, inappropriate temperature and humidity, or other factors beyond the control of InFocus. Before purchasing large quantities of print media, make sure that the print media meets the specifications specified in this User Guide.

2.2.Special Paper

This printer supports using the special paper for printing. Special paper includes: label paper, envelope, transparent film, thick paper, carton paper, thin paper.



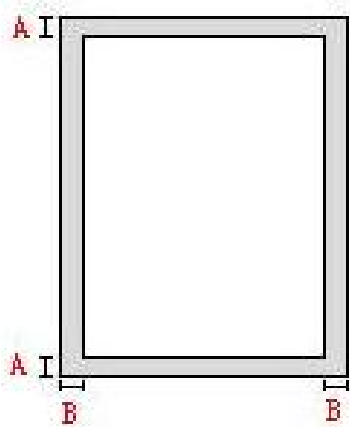
Note: When using special paper or print media, be sure to select matched print type and size in the print settings so as to get the best print effect.

Please observe the following standards:

Types of Print Media	Correct Practices	Incorrect Practices
Label Paper	Use labels with no exposed lining paper only. Labels shall be put flat when using. Use labels of full sheet only. There is no guarantee that all the labels in the market can meet corresponding requirements.	Use wrinkled, blistered or damaged label papers.
Envelope	Envelopes should be loaded evenly.	Use wrinkled, nicked, stuck or damaged envelopes. Use envelopes with clips, snaps, windows, or coated linings. Use envelopes with self-adhesive stickers or other synthetic materials.
Transparent Film	Only use transparent films approved for use in laser printers.	Use transparent print media that is not suitable for laser printers.
Thick Paper, carton paper	Only use heavy paper that is approved for use in laser printers and meets the weight specifications of this printer.	Use the paper whose weight is more than the specification of the media recommended for this printer, unless the paper is approved for use in this printer.

2.3.Non-printing Area and Non-scanning Area

The shaded part indicates the non-printing area and non-scanning area.



Usage	Paper Size	Top and bottom margins (A)	Left and right margins (B)
Printing	A4	5mm(0.197inch)	5mm(0.197inch)
	Letter	5mm(0.197inch)	5mm(0.197inch)
Scan	A4	5mm(0.197inch)	5mm(0.197inch)
	Letter	5mm(0.197inch)	5mm(0.197inch)

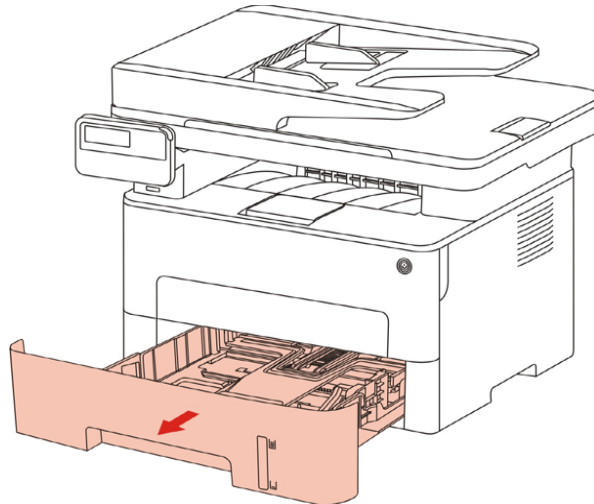
2.4.Loading Paper



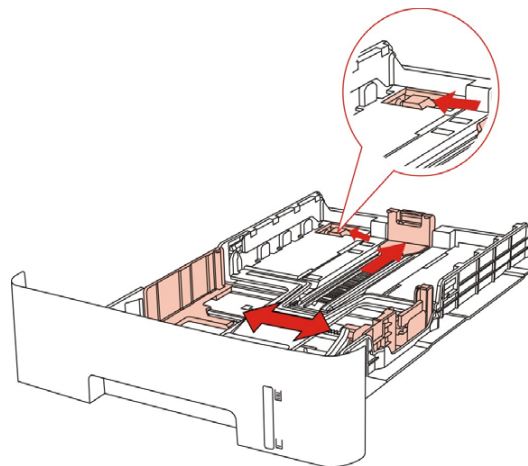
Note: • Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

2.4.1.Loading into the Automatic Feeder Tray

1. Slide out the automatic feeder tray from the printer.

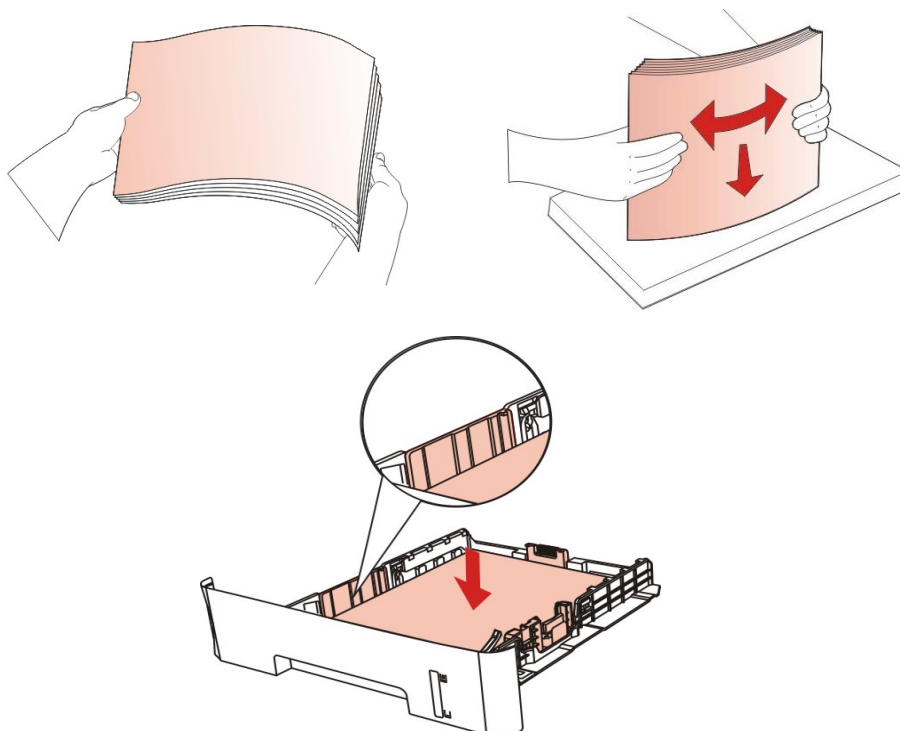


2. Slide the clip of extended tray of auto feed tray, paper length deflector and paper width deflector to the slot suitable for paper size, in order to match paper length and width.

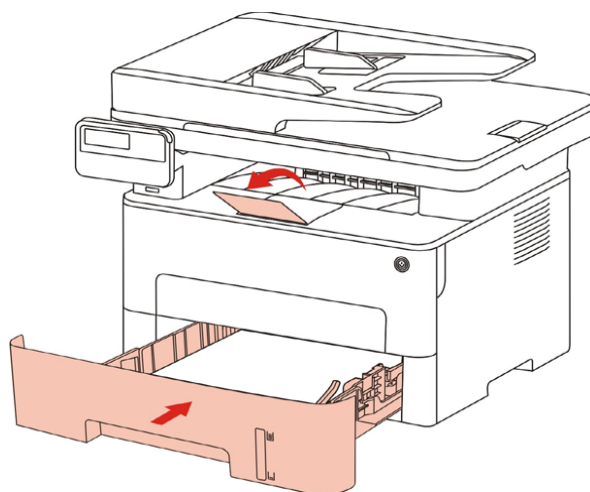


Note: • Do not overly squeeze the "paper length guide" and "paper width guide", otherwise it could easily lead to deformation of paper.

3. Before loading paper, please unfold the stacked paper to avoid a paper jam or feed error, and then load the paper into the tray print-side down. The automatic feeder tray can be loaded up to 250 pages, 80g/m² paper



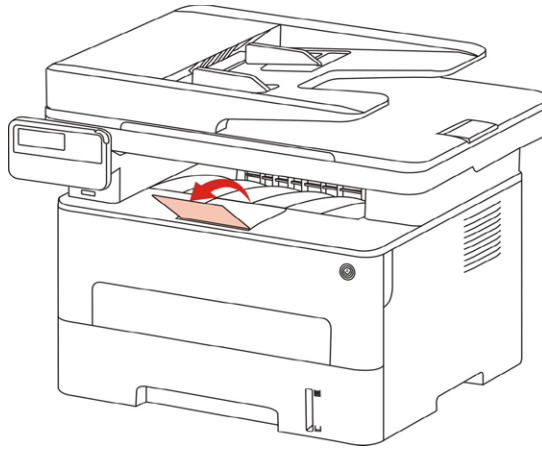
4. Raise the output tray to avoid the printed paper from slipping and falling, or immediately remove the printed document after the printing is complete.



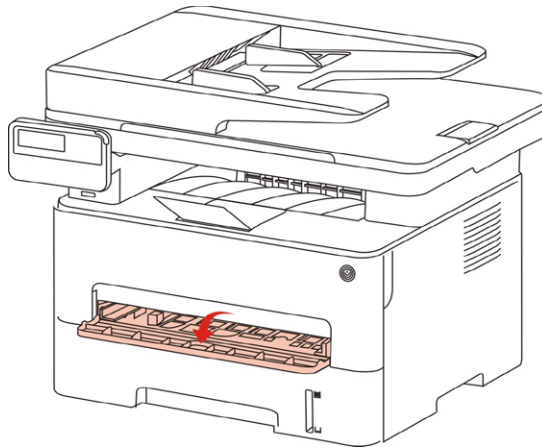
- Note:**
- It is recommended that you raise the output tray to prevent the paper from slipping and falling after printing. If you choose not to raise the output tray, we recommend that you immediately remove the printed paper from the printer.
 - If more than 250 pages (80 g/m²) are put inside the auto feed tray at one time, paper jam or paper feed failure will be led to.
 - If carrying out single-sided printing, please make sure that the side to be printed (the blank side) is face down.

2.4.2. Install manual feed tray

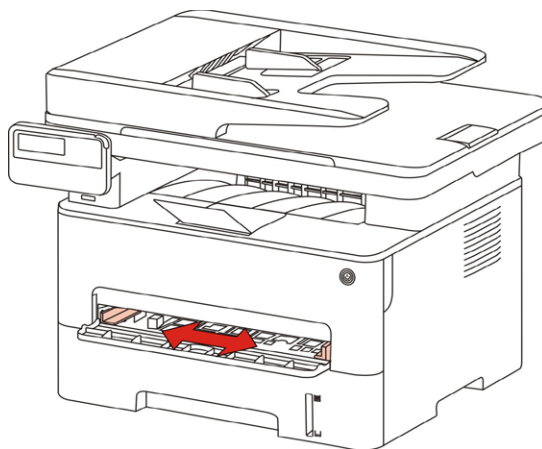
1. Raise the output tray to avoid the printed paper from slipping and falling, or immediately remove the printed document after the printing is complete.



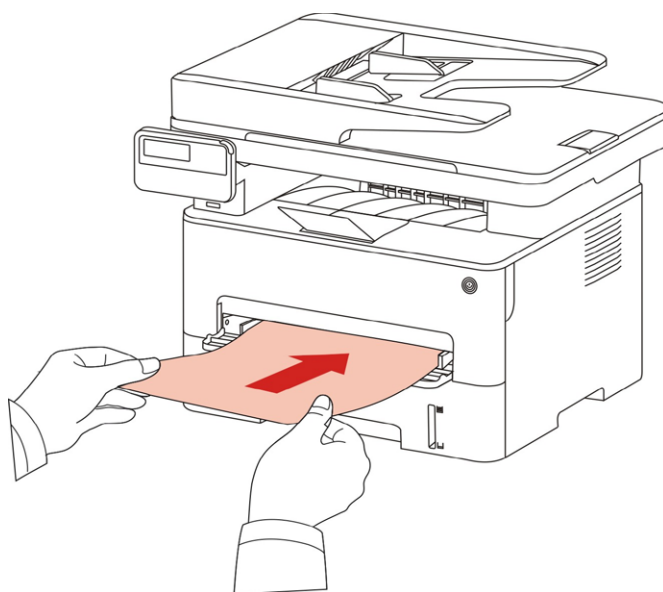
2. Open manual feed tray.



3. Slide the paper deflector of manual feed tray to match the two sides of paper. Do not use excessive force; otherwise, paper will be made jammed or skewed.



4. Put a flat printing medium into the manual feed tray with both hands.



Note: • The printer will enter manual feed mode automatically when you put papers inside the manual feed tray.

- Please put one printing medium inside the manual feed tray each time and put in another piece after finishing printing.
- Put the printing medium inside the manual feed tray with the printing side up; the top of paper should be put inside first.

5. When the printed page is output from the printer, put the second piece inside according to the above steps to continue printing. Slow action will lead to the prompt of paper out or paper failure of manual feed tray. After paper is put inside, printing will be resumed automatically; too quick action may make paper caught up in the printer, which will easily result in paper jam.




Note: • After printing, please take out printed papers output from printer immediately. Stacked papers or envelopes will lead to paper jam or wrapped paper.

2.5. Paper and Manuscript Use Process

Manuscript requirements:

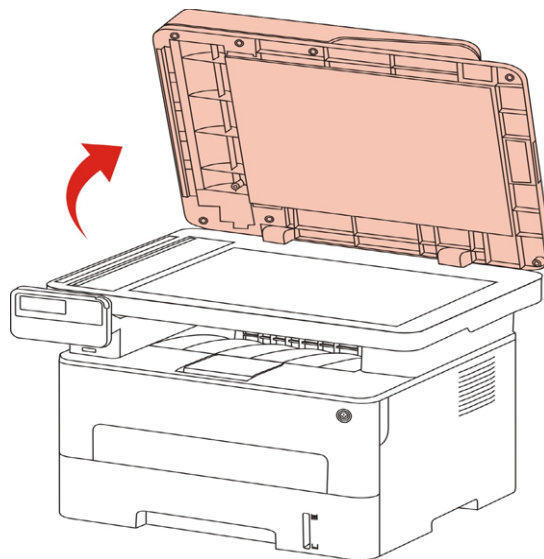
Source	Type	Size
Automatic document feeder (ADF)	Plain paper	A4, A5, B5, A6, Letter, Folio, Legal
Platen	Plain paper, thin paper, thick paper, transparent film, carton paper, label paper, envelope	A4, A5, B5, Letter, Full Scanning Platen, Custom

2.5.1. Scanning With Tablet

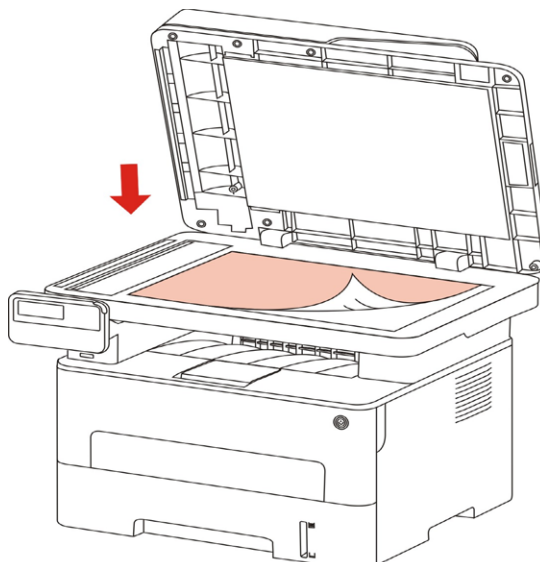
 **Note:** • Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

Steps of Use:

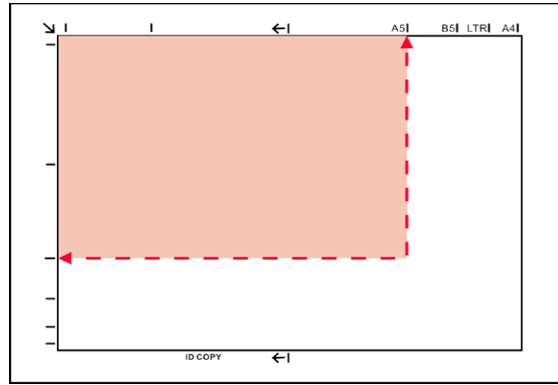
1) Lift up the scanner cover.



2) Load the manuscript face down.

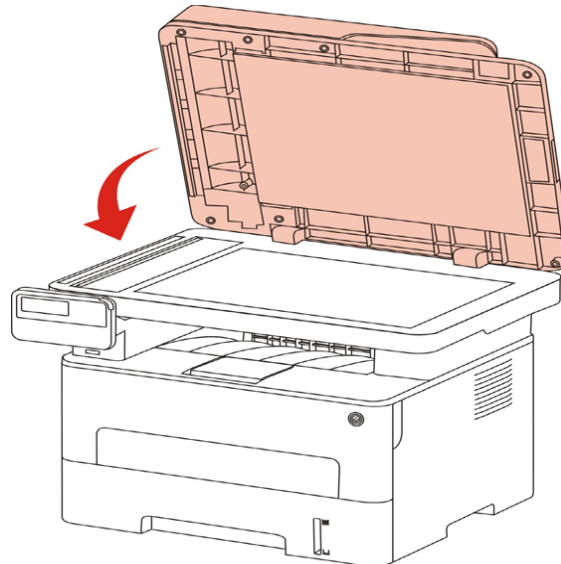


3) Align the manuscript to match the appropriate paper size.



- Note:**
- If the manuscript does not match with any size marker, please align the upper-left corner of the manuscript with the arrow.
 - Make sure there is no document in the ADF. If a document is detected in the ADF, it will be more preferential than that on glass platen.

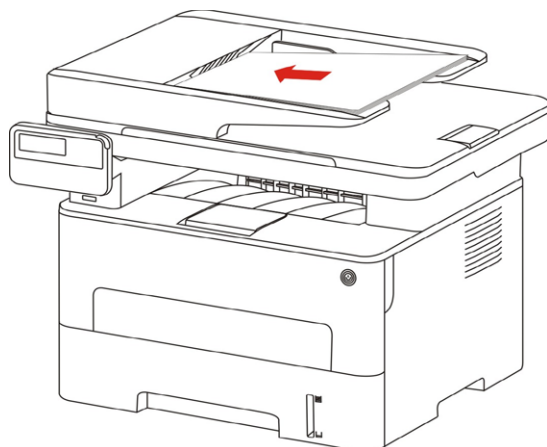
4) Close the scanner cover gently.



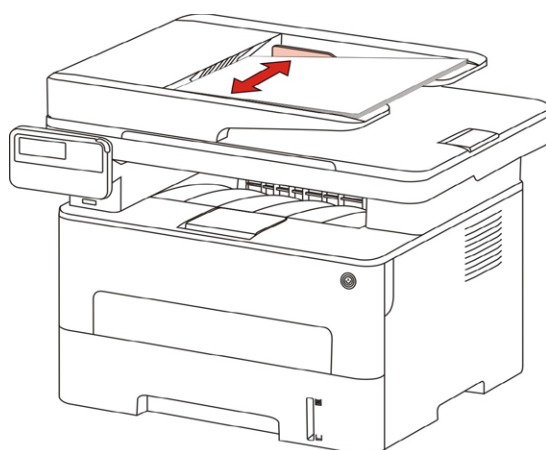
- Note:**
- Please put the paper or document on the scanner glass after the glue, ink or correction fluid are completely dried.
 - Rough textured, uneven, oil stained and extremely smooth paper will make printing effect poor.
 - Please make sure that there is no dust, fluff, etc. on the paper.
 - Paper shall be put on a flat surface and stored under a cool and dry environment.
 - To avoid influencing the definition, please don't open the scanner cover during scanning with the platen.

2.5.2. Scan with the automatic document feeder (ADF)

1) Put the original into the ADF with its front upward and top fed first.



2) Adjust the document guide till it gets close to the paper stack.



Note: • The ADF supports feeding 50 pieces of paper at most that should be fed one by one.

3.Driver installation and uninstallation

3.1.Driver installation based on Windows system

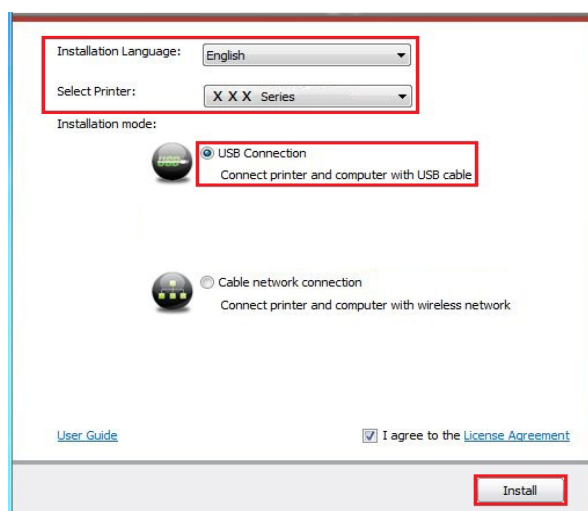
- Before installing the drive, you need to learn about printer model by printing printer information page out and check the product name (please refer to [Chapter 10.4](#) for printing methods).
- In case of covering the installed driver, the installation language cannot be changed. Please uninstall the printer driver and then install the driver of new version.



Note: • Driver installation interface may differ because of different models and functions, so the schematic diagram is only for your reference.

3.1.1.Installation via USB connection

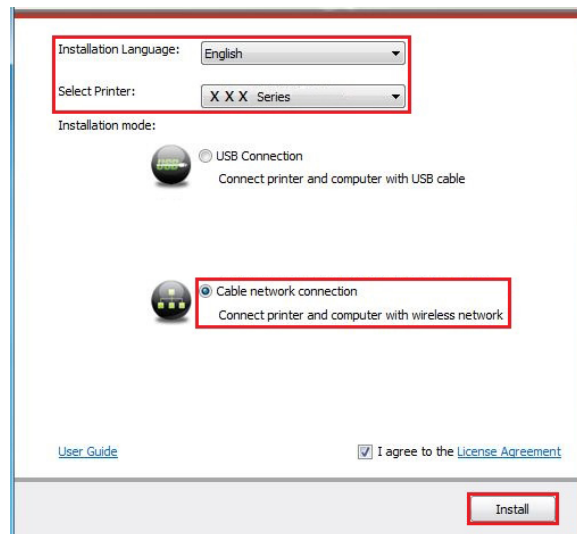
1. Connect the printer to computer with USB cable and then turn power on.
2. Insert the installation CD accompanying with the printer in the CD driver of computer and operate Autorun.exe installation program.
3. Read and agree to the licensing agreement, select installation language and printer model, select “USB Connection” and then click “Install” .



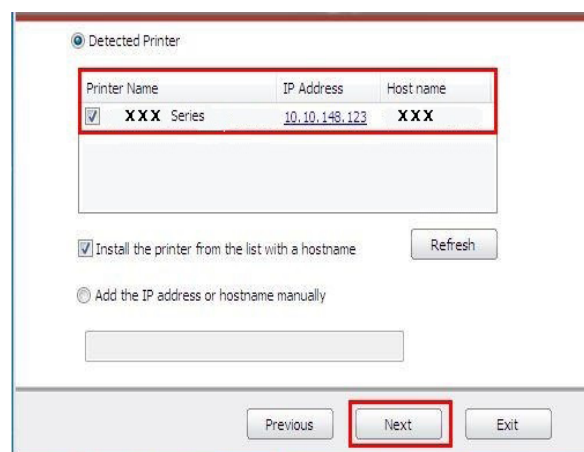
4. The system starts to install driver, and it may take several minutes.
5. After installation is finished, “Installation Complete” interface will pop out, and it will be closed automatically in about 3s.

3.1.2.Installation via wired network connection

1. Turn the power of printer and computer on.
2. Connect the computer to wired network.
3. Connect network cable to the network interface of printer, to make sure the printer is connected to computer network (please refer to [Chapter 4](#) for network setup).
4. Insert the installation CD accompanying with the printer in the CD driver of computer and operate Autorun.exe installation program.
5. Read and agree to the licensing agreement, select installation language and printer model, select “Cable network connection” and then click “Install”.



6. The installation program starts to search for printer automatically, and it may take a while.
7. After finishing searching, select the printer that needs to be connected and click “Next”.



Note:

- If the printer you need to connect is not in the list of printers searched, please click “Refresh” to search again.
- If you want to install printer driver in the name of host, please tick the “Printer Name” you need to connect and “Install the printer from the list with a hostname”.
- If IP address or host name is added manually, you need to know the IP address of the printer connected or host name. If they are not made clear, please print the “NetConf Pg” and view “IP Address” and “Host name” (Please refer to [Chapter 10.4](#)).

8. The system starts to install driver, and it may take several minutes.
9. After installation is finished, “Installation Complete” interface will pop out, and it will be closed automatically in about 3s.

3.1.3.Driver uninstallation

3.1.3.1.Uninstallation method

Windows 7 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

1. Click the Start menu of computer and then click All programs.
2. Click InFocus, and then Click InFocus XXX Series.

InFocus XXX Series where XXX represents product model.

3. Click uninstall to delete the driver according to instructions on uninstall window.
4. Restart computer after finishing unloading.

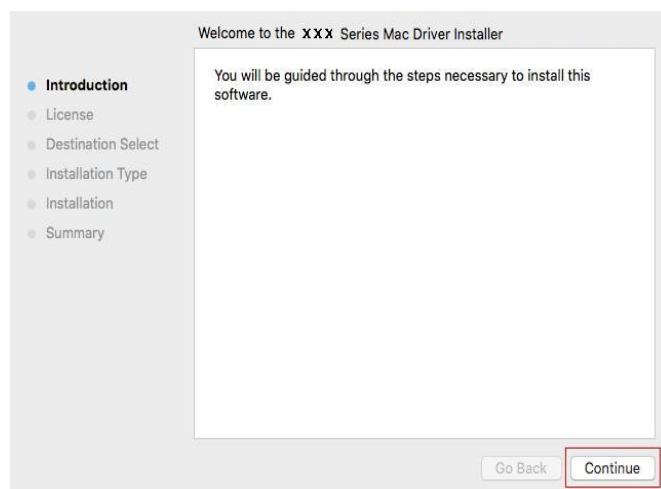
3.2.Driver installation based on Mac system

- Driver installation under Mac system is divided into 2 steps, driver installation and adding a printer.
- When you are installing a driver with wired network, you may need to know the Bonjour name of printer. Please print the “Network setup page” to view it. (Please refer to [Chapter 10.4](#)).

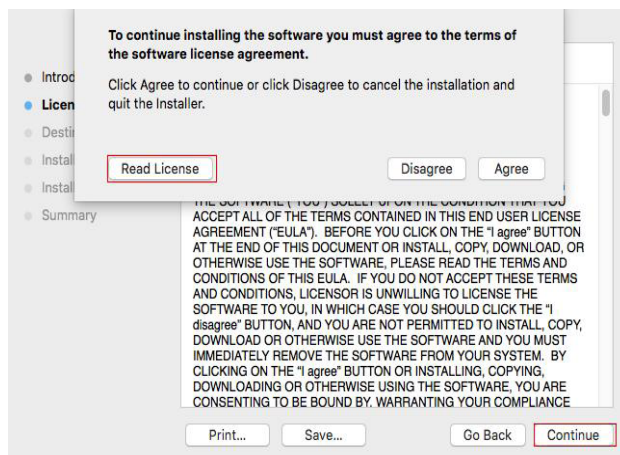
3.2.1.Driver installation

Mac 10.11 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

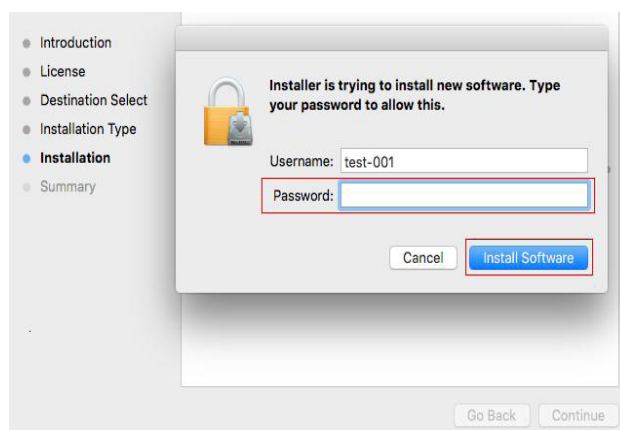
1. Turn the power of printer and computer on.
2. Insert the CD accompanying with printer in the CD driver of your computer, and double click InFocus X Series installation package. (XXX in InFocus XXX Series represents product model.)



3. Click “Continue”.
4. Read licensing agreement and then click “Continue”.




5. Click “Agree” on the prompt window popping out to accept the licensing agreement.
6. Click “Install”.
7. Input computer password and click “Install Software”.




8. Click “Continue Installation” on the prompt window popping out.
9. The system will finish driver installation automatically.

3.3.Add printer to Mac system

3.3.1.Add in USB connection mode

1. Connect the printer to computer with USB cable and then turn power on.
2. Enter the “System Preferences” – “Printers & Scanners” of computer.
3. Click  button to select “Add Printer or Scanner”.
4. Select printer and then select the corresponding printer mode from the “Use” menu popping out.
5. Click “Add”.

3.3.2.Addition in wired network connection mode

1. Turn the power of printer and computer on.
2. Connect the computer to wired network.
3. Connect the network cable to the network interface of printer, and make sure the printer is connected to the computer network (Please refer to [Chapter 4](#) for network setup).
4. Enter the “System Preferences” – “Printers & Scanners” of computer.
5. Click  button to select “Add Printer or Scanner”.
6. Select printer and then select the corresponding printer mode from the “Use” menu popping out.
7. Click “Add”.

4. Wired network setup

In case printers support wired network printing, they can be connected to network to control printer to print in wired network mode.

4.1.Set IP Address

The IP address of the printer may be automatically obtained through DHCP function or set manually.

4.1.1.Automatic Setting

DHCP automatic setting function is enabled by default on the printer.

- 1.Connect the printer to the network through a network cable and complete the startup preparation work.
2. The printer will receive the IP address assigned by server automatically. It may take server minutes to receive IP address under the influence of network environment.

You can check the IP address of printer by printing "Network setup page" out (please refer to [Chapter 10.4](#) for printing method) or check network information by viewing the control panel of printer (please refer to [Chapter 10.3](#) for viewing methods). If the IP address is not listed, please check network environment and then try again after waiting for several minutes.



Note: • If DHCP server fails to assign IP address automatically, the printer will get the link-local address assigned by printer automatically: 169.254.xxx.xxx.

4.1.2.Manual Setting

To set up IP address for printer through the control panel of printer manually, please refer to [Chapter 10.2](#) for details.

To set up IP address for printer through the embedded Web server manually, please refer to [Chapter 5.2.1](#) for details.

5. Web server

You can manage printer setup via the embedded Web server.

5.1. Visit the embedded Web server

1. Turn on the power of printer and computer.

2. Connect the printer to network to ensure that the printer is connected to the network where the computer is connected to (please refer to [Chapter 4](#) for network setup method).

3. Input the IP address of printer in the address bar of Web browser to visit the Web server imbedded in printer.

View the IP address of printer via control panel (please refer to [Chapter 10.3](#)) or print the “NetConf Pg” out to view the IP Address of printer (please refer to [Chapter 10.4](#)).



Note:

- Windows users are suggested to use Microsoft Internet Explorer 8.0 (or higher version) or Firefox 1.0 (or higher version), Mac users are suggested to use Safari 4.0 (or higher version). No matter what kind of browser you are suing, please ensure that JavaScript and Cookies are always enabled. Please ensure compatibility with HTTP 1.0 and HTTP 1.1 when other network browsers are used.
- If the computer cannot visit the Web server embedded in printer, then your computer and printer may be connected to different networks. Please inspect your network environment or consult your network administrator.

4. Click “Log in” option, input user name and password (the default user name is admin and the initial password is 000000) and click “Log in”.



Note:

- For safety reasons, you are suggested to change the default password, which can be finished in the “User Management” interface.

5.2. Use Web server to manage printer

You can use the embedded Web server to manage printer.

1. View the basic information including product name, printer state and ink cartridge of printer.
2. Set up the network protocol parameters supported by printer.
3. Set up mail server client and acquire printer state via E-mail notification.
4. It supports to configure e-mail address and FTP address to scan the file to be scanned directly to E-mail box or FTP server.

5.2.1.IP address setup

You need to connect your printer to network before IP address setup.

1. In case of wired network model, connect the printer to wired network by connecting to its network interface with network cable.

5.2.1.1.IPv4 setup

IPv4 address of the printer is divided into DHCP auto assignment and manual setting, and the DHCP auto assignment function is on by default. You can set up the IPv4 address of printer manually to set up fixed IPv4 address for the printer.

1. Turn on printer power to connect printer to network.
2. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
3. Click “Settings” – “Network settings” – “Protocol Settings” – “Wired IP Configuration”.
4. Set the IPv4 address assignment mode as “Manual”.
5. Input “IPv4 Address”, “Subnet Mask” and “Gateway Address”, and then click “Apply”.

5.2.1.2.IPv6 setup

1. Turn on printer power to connect printer to network.
2. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
3. Click “Settings” – “Network settings” – “Protocol Settings” – “IPv6”.
4. Tick “Enable IPv6 protocol” and “Enable DHCPv6” (ticked by default) and then click “Apply”.

You can refresh the browser and view the “IPv6 Local Link Address” and “Stateful Address” in “Wired IP Configuration” interface.



Note: The printer supports using the following IPv6 addresses for network printing and management (please refer to [Chapter 10.4](#) and print “NetConf Pg” view IPv6 address).

- IPv6 local-link address: local IPv6 address set up by oneself (addresses beginning with FE80).
 - Stateful address: IPv6 address set up by DHCPv6 server (if there is no DHCPv6 server in network, the “Stateful Address” cannot be assigned).
 - Stateless address: IPv6 address set up by network router automatically.
-

5.2.2. Machine setup

You can add mail address contacts, set up e-mail notification, set up sleep time and recover factory settings via machine setup page.

5.2.2.1. Set up e-mail notification

If you set up e-mail notification, an e-mail will be sent to the mail address specified by you when abnormality such as paper out occurs. You can receive emails only if you made correct email setup. Please consult your network administrator for detailed setup steps. You need to log in the embedded Web server before setting up email notification (please refer to [Chapter 5.1](#) for login method).


I. Set up SMTP client

1. Click “Settings” – “Network settings” – “Protocol Settings” – “SMTP”.
2. On SMTP page, input SMTP server address, set up the mailbox login name and password and then click “Apply”.

II. Add recipient address

1. Click “Settings” – “Machine settings” – “Address Book” .
2. Click “Add”, input recipient address and then click “Apply”.

III. Set up email notification

1. Click “Settings” – “Machine settings” – “E-mail Notification”.
2. Click  button and select the email addresses you want to add in the list of contacts popping out.

You can also tick “address X” (such as address 1) and input the email addresses you want to add.

3. Tick the email addresses and notification contents you want to notify and then click “Apply”.

5.2.2.2. Configure the E-mail address book

If you want to scan a file to an e-mail address, you need to configure the e-mail address book first and then scan the file to the assigned e-mail address. The e-mail will not be received before proper setting on the e-mail box; for specific setting steps, please consult your network administrator.

I. Set the E-mail address book

1. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
2. Click “Settings” – “Machine settings” – “System”.
3. Click "Create" to pop out a window as below and edit the contact name and input the e-mail address, and then click "Apply".



Note: • If some groups have been created, you may click to check a corresponding group to add the newly created e-mail address into it.

New

Contact Name

Email Address

Group No.

Apply

II. Set the e-mail group

1. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
2. Click “Settings”, “Machine Settings” and then “E-mail Group” to enter the setting interface of e-mail group.
3. Click “Create” to pop out a window as below and edit the group name and check the e-mail address to be added in the contact name (e-mail address) listbox, and then click "Apply".

New

Group name

Contact Name(Email Address)

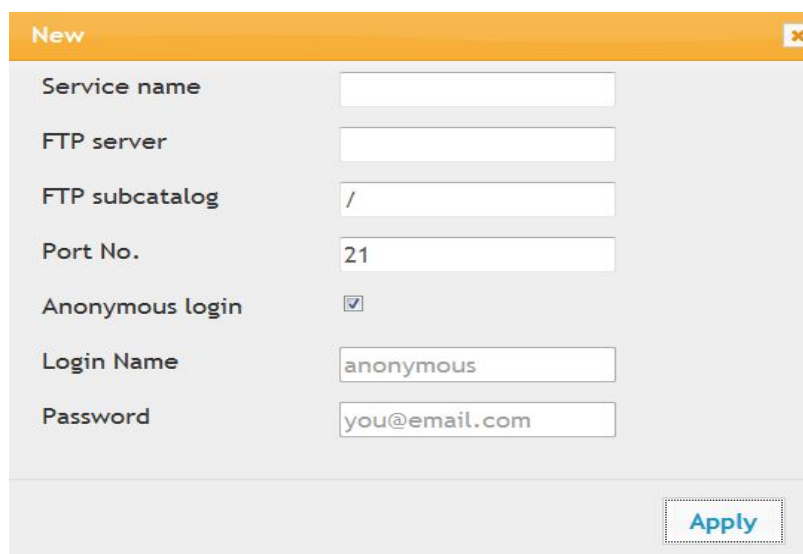
☒ ceshi(123456@qq.com)

Apply

5.2.2.3. Configure the FTP address book

If you want to scan a file to the FTP server, you need to configure the FTP address book first. When scanning, you may send the image scanned to the FTP server. Before configuring the FTP address book, you may need to ask your network administrator for the server IP address, port number, login name, password and server name.

1. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
2. Click "Settings", "Machine Settings" and then "FTP Address Book" to enter the setting interface of FTP address book.
3. Click "Create" to pop out a window as below and set relevant parameters; after settings completed, and then click "Apply".



5.2.2.4. Sleep time setup

The default sleep time of printer is 5min and if you want to change it, you can set up via the embedded Web server (the printer installed via network connection).

1. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
2. Click "Settings" – "Machine settings" – "System".
3. Select sleep time according to you need and then click "Apply".

5.2.3. Recover factory settings via Web server

1. Log in the embedded Web server (please refer to [Chapter 5.1](#) for login method).
2. Click "User Management" and input the correct "User name" and "Password"; then, click "Restore to Factory Settings". After completion, the printer will reboot automatically.










- Note:**
- After factory settings of printer are recovered, user name of the administrator will be recovered to admin and the login password will be recovered to 000000.
 - You can also recover factory settings via keys on the control panel of printer, please refer to [Chapter 10.1.3](#).
 - If factory settings of your printer are recovered, the sleep time will be recovered to 5min automatically.

6.Print

6.1.Print Function

You can set the print function through "Start"->"Devices and Printers"- select corresponding printer- right click – set print function in "Printing preferences". Some functions are as follows:

Functions	Diagram
Automatic Two-Sided Printing	
Collate Print	
Reverse Print	
N-in-1	
Poster Print(for Windows Operation System only)	
Zoom Print	
Custom Size	



Note:

- Windows 7 is taken as example in the above description.
- You can realize poster printing feature by selecting 2x2 poster printing in multipage.
- You can enable printing preference and click the help button to view detailed function description. Please refer to [Chapter 6.9](#) for the method to open help document.

6.2.Print Settings

You can set up printing parameters with the following two methods before sending printing work (such as paper type, paper size and paper source).

Operating system	Temporary printing setup change	Permanent default setup change
Windows 7	1.Click “File” menu – “Print” – “Select printer” -“Printer properties” (the detailed steps may differ because of multiple operating systems).	1.Click “Start” menu- “Control Panel” – “Devices and Printers”. 2. Right click on the printer icon, select “Printing preference” and then change setup and save it.
Mac OS	1. Click “File” menu – “Print”. 2. Change setup in the window popping out.	1. Click “File” menu – “Print”. 2. Change setup in the window popping out and click to save the preset. (Select preset every time before printing, or print according to default setup.)



Note: • Priority of App setup is senior to printer setup.

6.3.Cancel printing

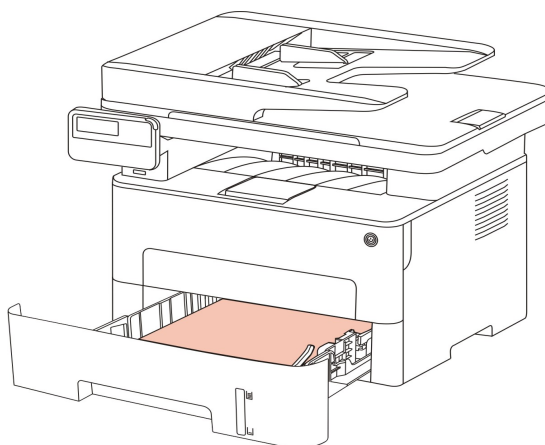
If you want to cancel the operation during printing, please press “Cancel” key on the printer's control panel.

6.4.Printing Mode

The printer can print with auto feed tray and manual feed tray. The defaulted state is auto selection, and if there is printing medium in the manual feed box, papers in manual feed tray will be used with priority.

6.4.1.Printing with the Automatic Feeder Tray

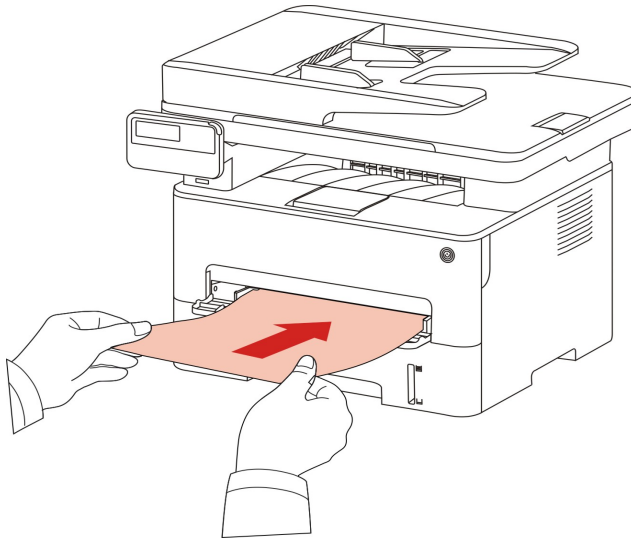
Before printing, please make sure mediums of corresponding quantity have been installed inside the auto feed tray, and there is no printing medium in the manual fed tray.



Note: • For precautions on loading paper, see [Chapter 2](#).
• For the type of media to be printed with the automatic feeder tray, see [Chapter 2.1](#).

6.4.2. Printing with manual feed tray

When you put papers in the manual feed tray, the printer will enter manual feed mode.



- Note:**
- Manual feed mode means that papers will be fed from the manual feed tray first if there are papers being put inside it.
 - Generally, the manual feeder tray is used to print on special paper, such as envelopes, transparencies, etc., and only one piece of paper can be loaded each time.
 - Please refer to [Chapter 2](#) for putting papers inside manual feed tray.
 - Please refer to [Chapter 2.1](#) for type of mediums that can be printed via manual feed tray.

6.5. Automatic Two-Sided Printing

The printer supports automatic two-sided printing of plain paper.

Paper size supported by the automatic two-sided printing: A4, Letter, Legal, Oficio, Folio, 16K.



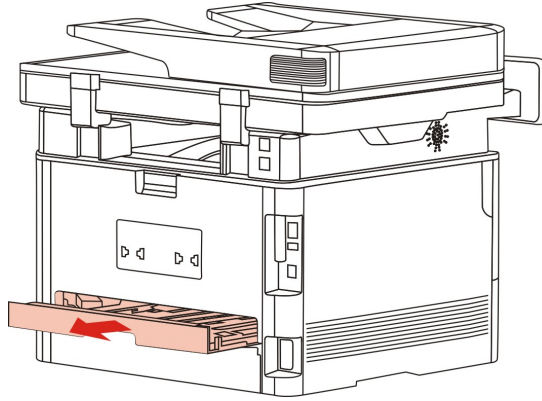
- Note:**
- Trying the automatic two-sided printing may damage the printer if some paper media are not suitable for automatic two-sided printing.
 - Auto duplex printing does not support poster printing.
 - Please refer to [Chapter 2](#) for paper loading and type of mediums that can be printed via auto feed tray.

6.5.1.Duplex printing unit setup

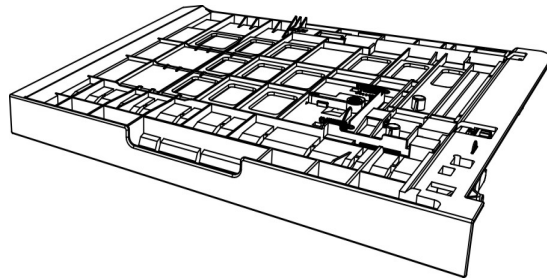
For the purpose of achieving the best printing result, you can set up the paper size of duplex printing unit. As for duplex printing of A4 and 16K papers, the slide should be adjusted to the A4 position; as for Letter, Legal, Folio and Oficio duplex printing, the slide should be adjusted to the Letter position.

Setup steps of duplex unit are:

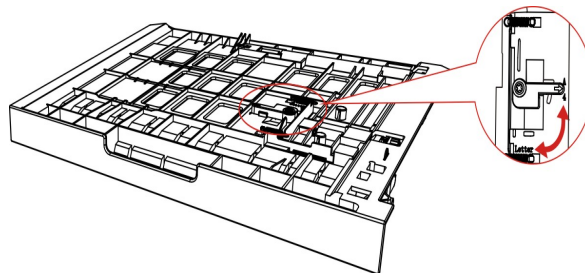
1.Draw out duplex unit.



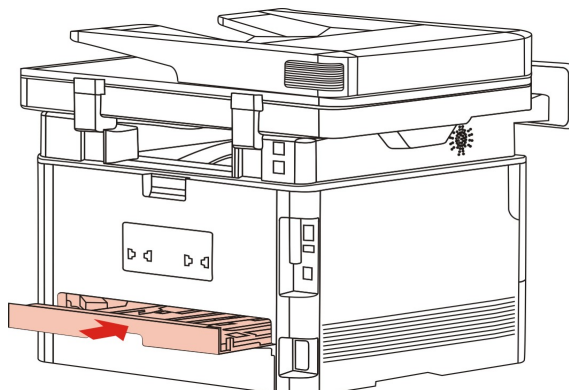
2.Make the backside of duplex unit up.



3.Adjust paper size slide to A4 or Letter position to finish setting up.

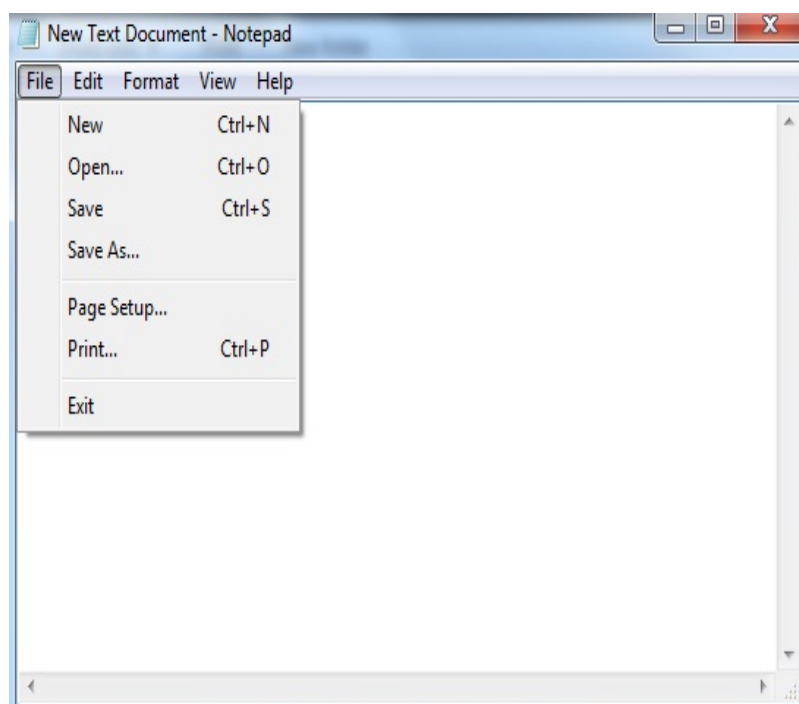


4. Install the duplex unit in the printer.

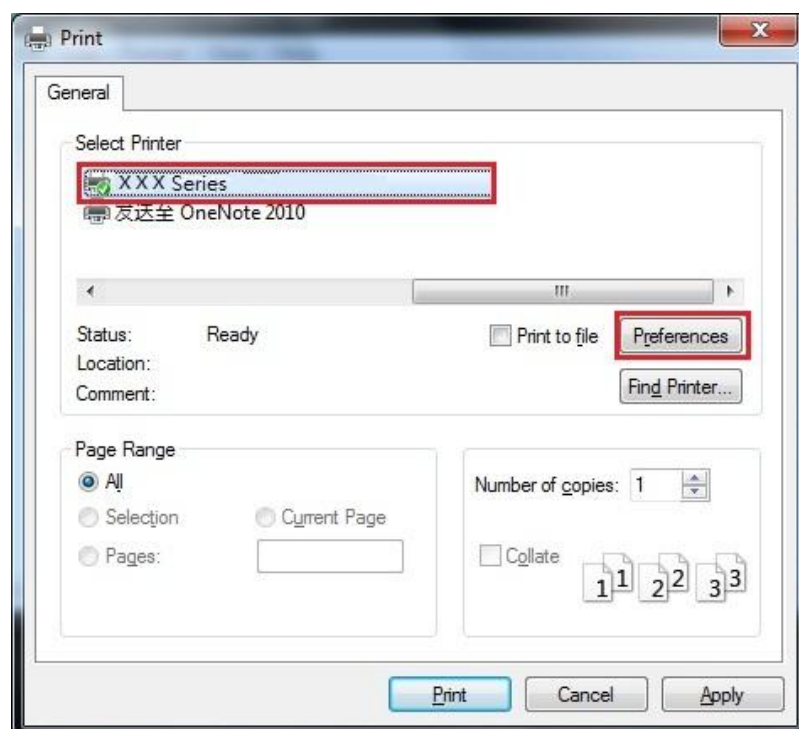


6.5.2.How to carry out auto duplex printing

1. Open the print job to be printed from the application (such as a Notepad).
2. Select Print from the File menu.

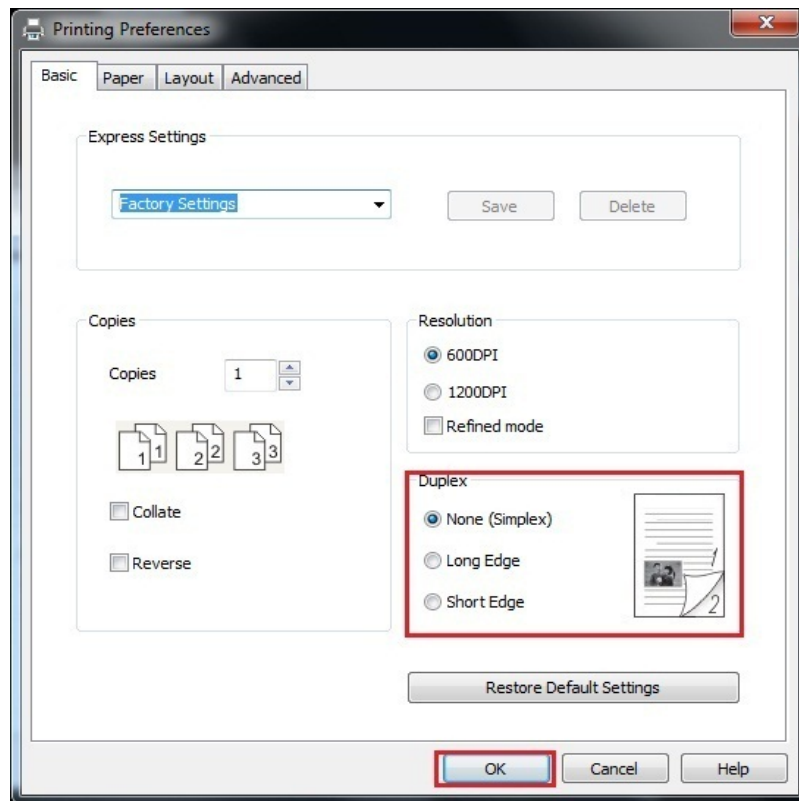


3. Select printer of the corresponding model.

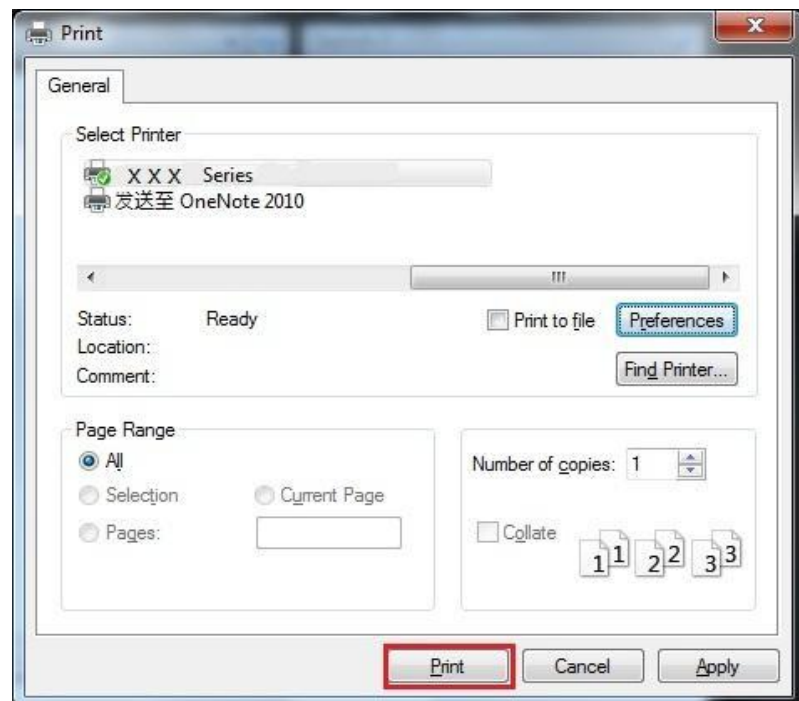


4. Single click “Preferences” for printing setup.

5. Select the “Duplex” in “Basic” tab and then select “Long Edge” or “Short Edge”.



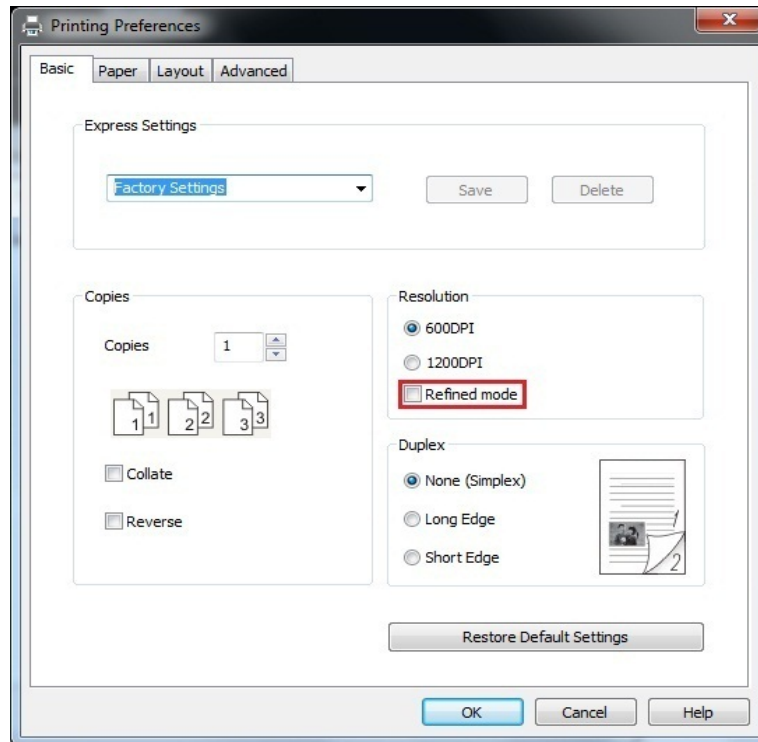
6. Single click “OK” to finish printing setup. Click “Print” to realize auto duplex printing.



6.6.Fine mode printing

The Fine mode is applicable to engineering drawings and fine lines printing.

Set up fine mode in the basic page of printer preference . After setup, fine printing mode can be realized.



6.7.Mute printing

If the Mute Printing is set, the printing noise will be reduced but the printing will slow down to some extent.

The operating steps of mute printing are as follows (applicable to printers that are installed via USB connection)

Windows 7 is taken as the example in the following operation. The information on your computer screen may differ because of multiple operating systems.

1. Enter the “Start menu” – “Control Panel” –view “Devices and Printers”.
2. Right click printer and select “Printer properties” in the pull-down menu.
3. Enter the “Secondary Settings” option.
4. Tick “Mute printing” and click “OK” to finish setup.

4. Tick “Mute printing” and click “Ok” to finish setup.



5. Open the printing work from the App, select a printer of the corresponding model and then set up printing according to needs.

6. Click “Print” to realize mute printing.

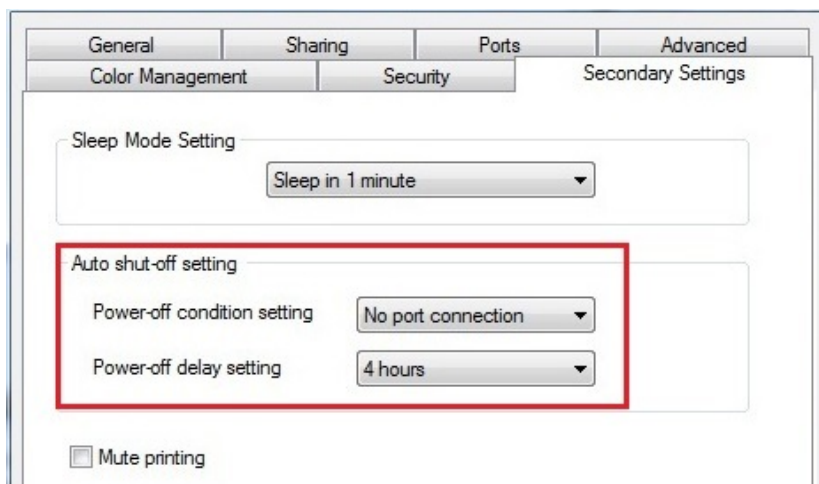


Note: • Printers with LCD control panel can be set to mute printing with keys on control panel directly, please refer to [Chapter 10.1.5](#).

6.8.Auto shut-off setting

“Auto shut-off setting” to set off condition and off delay of printer.

1. Enter computer “Start Menu” – “Control Panel” – View “Devices and Printers”.
2. Right click printer, select “Printer properties” in drop-down list.
3. Enter “Secondary Settings” option and set “Auto shut-off setting”.
4. Click “OK” to finish setting.

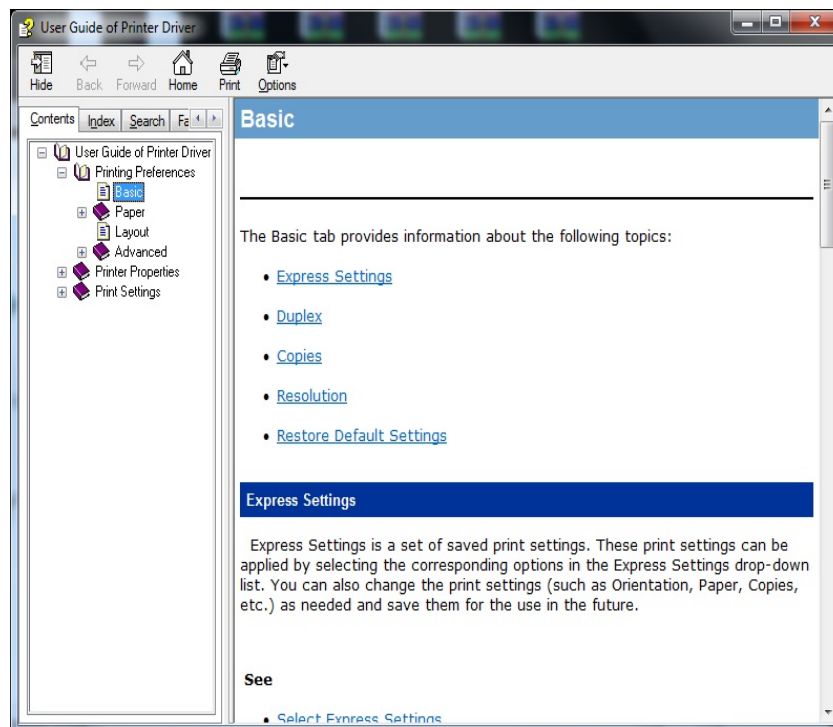
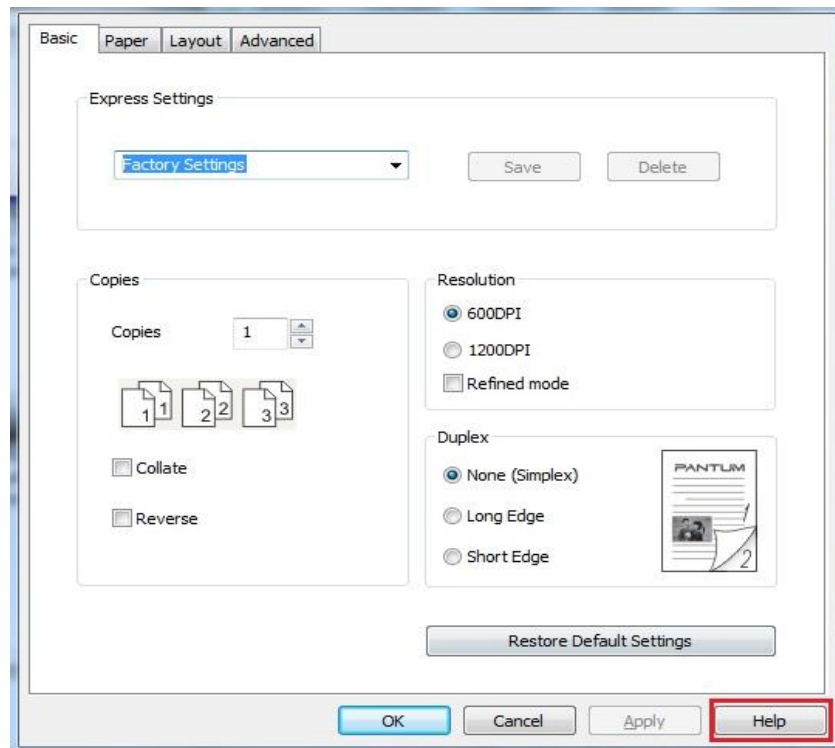


Note: • For printer provided with LCD control panel, users may set auto off function through control panel keys. Please refer to [Chapter 10.1.6](#).

• Individual countries (or regions) do not support auto off setting.

6.9.Open Help Document

You can open the "Printing preferences" and click "Help" button (for Windows Operation System only). The help document contains the user guide where you can find the information on print settings.



7. Copying

7.1. Copying function

Copy		Instructions
Common copying	Multipage	Print a multi-page document to a piece of paper.
	Clone	Print several identical images to a piece of paper.
	Poster	Print a one-page original to pieces of paper.
	Collated copy	Collate copies of an original.
	Duplex copying	It supports manual duplex copying for originals.
	Image quality	Set the definition mode to improve the copying effect.
	Intensity	Adjust deep-light copying effect by setting intensity.
	Resizing	Reduce or enlarge the size of image copied.
	Paper setting	Set the paper size and paper type.
ID card copying	Arrangement mode	Set the arrangement mode of ID card to be copied.
	Intensity	Adjust deep-light copying effect by setting intensity.
	Paper Size	Set the paper size.
Receipt copying	Intensity	Adjust deep-light copying effect by setting intensity.
	Paper Size	Set the paper size.

7.2. Copying method

1. Press "copying key"/"ID card copying key"/"receipt copying key" on control panel.
2. Put an original into the ADF with its front upward (only for plain copying) or on the glass platen with its front downward. (For how to put an original, please see [Chapter 2.5.](#))
3. Set copying quantity with "direction or number key" according to types (99 pieces at maximum).
4. Press "Startup key" for copying.
5. If the original is put on the glass platen, the printer will give a prompt of "Scan the Next Page" after scanning one page. If the next page exists, please remove the original scanned and put the next page on the glass platen; then, press "Start". After all pages have been scanned, please press "OK".

7.3. Copying cancel

Press "cancel key" on control panel if canceling copying.

7.4. Common copying setting

Change relevant setting with “copying setting menu” for better copying effect.

1. Press "Copy" and then "Menu" on control panel to enter the "Menu Setting" interface.
2. Press "OK" to enter the "Copy Setting" interface.
3. Press “direction key to select option to be set and press “OK key” to set option.



Note: • The image quality, intensity, resizing and paper setting can keep valid after options are set.

• Settings on all-in-one, clone, poster, collated copy and duplex copy will be restored to defaults after completing the copying, switching among panel keys or rebooting the machine.

7.4.1. Image quality

Select corresponding image quality mode for original document used in order to improve copying effect. There are 4 modes in total:

Auto: default mode, applicable to text and image originals. Text + image: applicable to originals with mixed text and image.

Image: applicable to original image.

Text: applicable to original text.



Note: • The image quality mode supports “**automatic**” mode only after “poster” and “**collated copy**” are set.

7.4.2. Intensity

Adjust deep-light copying effect by setting intensity.

This printer supports "Manual Adjustment" and "Auto Adjustment" in color intensity. 5 levels for manual adjustment and 3 levels for auto adjustment by default.

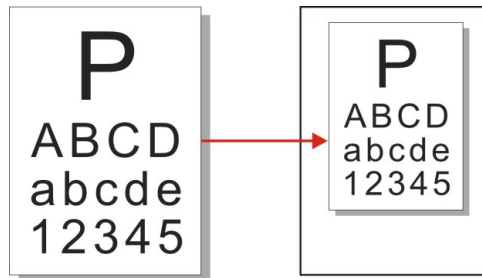
7.4.3.Resizing

When original document is copied, resize image copied.

The resizing includes “fixed” and “manual adjustment” and the default value is 100%.

1. Fixed resizing: 100%、141% A5->A4、122% A5->B5、115% B5->A4、97% LTR->A4、94% A4->LTR、86% A4->B5、81% B5->A5.

e. g.: 70% A4->A5:

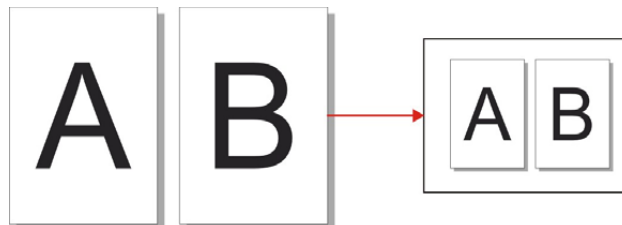


2. “Manual adjustment” applies to copying with glass platform only, the adjustment scope of which is 25%-400% and 5% can be adjusted each time after “direction key” is pressed once.

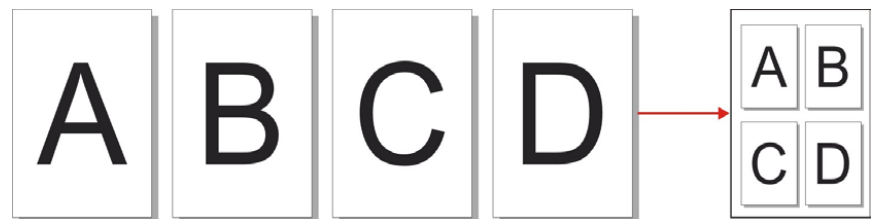
7.4.4.Multipage

With setting on all-in-one feature, a 2- or 4-page document could be copied to one piece of paper. Copying with the ADF and the glass platen are both supported. The multipage includes 3 modes:

(1) Two-in-one:



(2) Horizontal four-in-one:



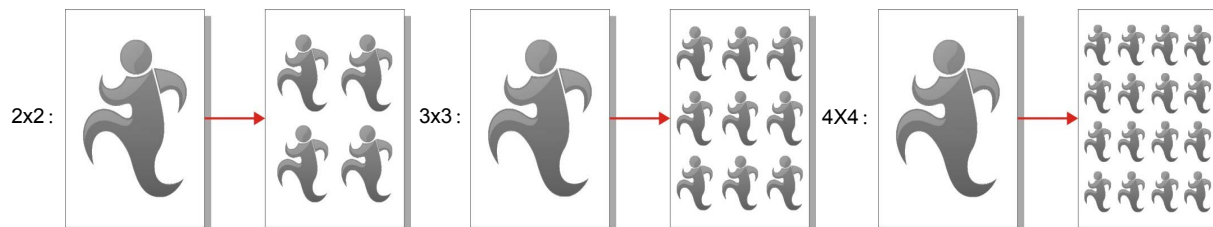
(3) vertical four-in-one:



Note: “Multipage” and “resizing function” cannot be set at the same time.

7.4.5.Clone

Through setting on clone feature, you may print multiple original images on one piece of paper. Copying with the ADF and the glass platen are both supported. The clone copying includes 3 modes:

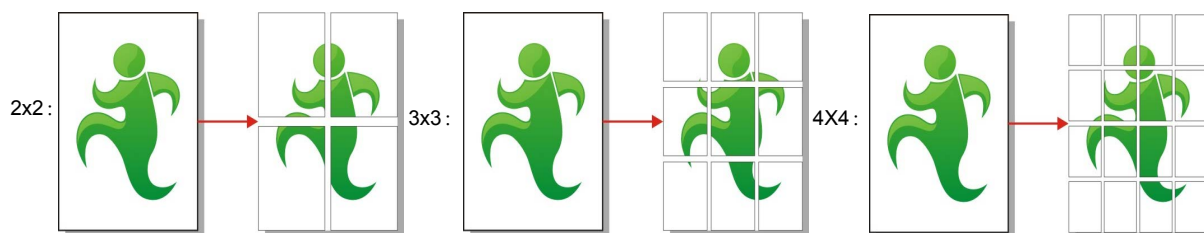


Note: • The “clone” and “resizing function” cannot be set at the same time.

7.4.6.Poster

Poster setting enables the printing of one piece of original document on several pieces of paper. The "Poster" feature supports only copying with the glass platen.

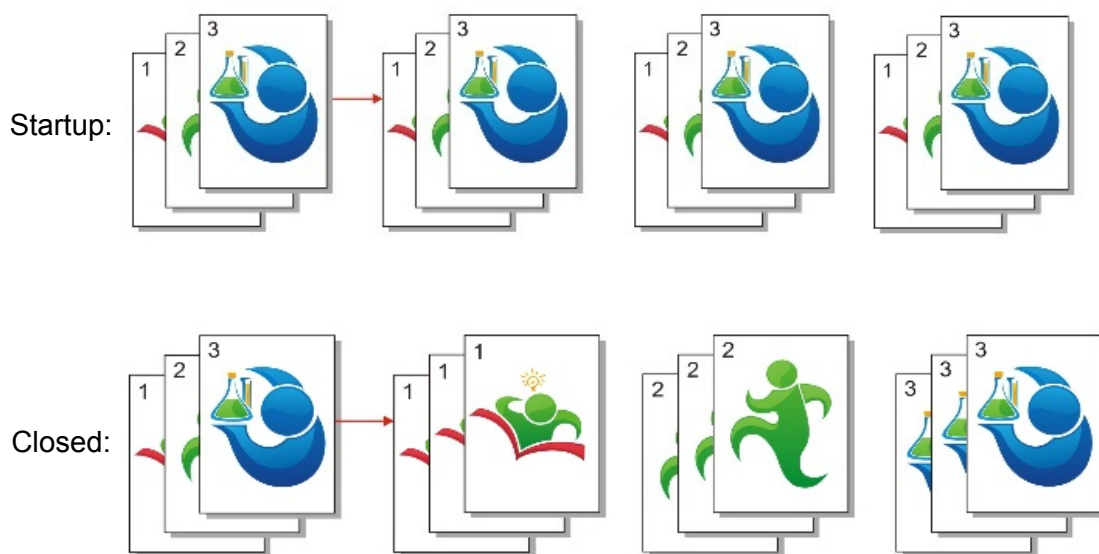
The poster copying includes 3 modes:



Note: • The "poster" and "resizing function" cannot be set at the same time.

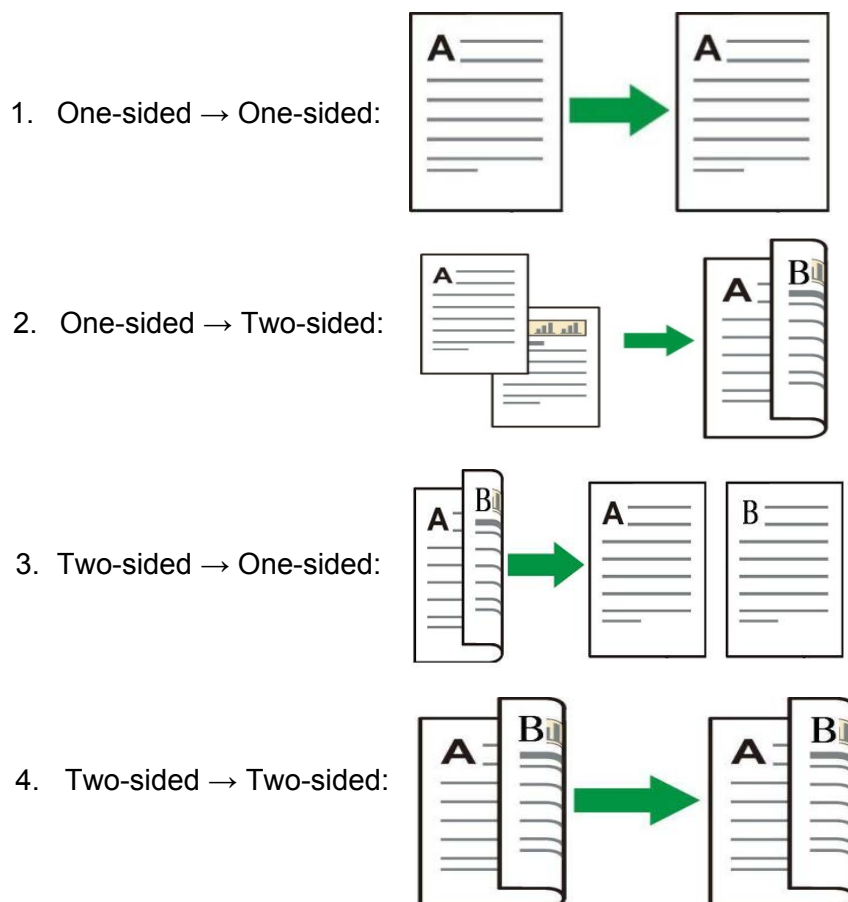
7.4.7. Collated copy

The "Collated Copies" feature supports only copying with the automatic document feeder (ADF). The collated copy includes 2 modes:



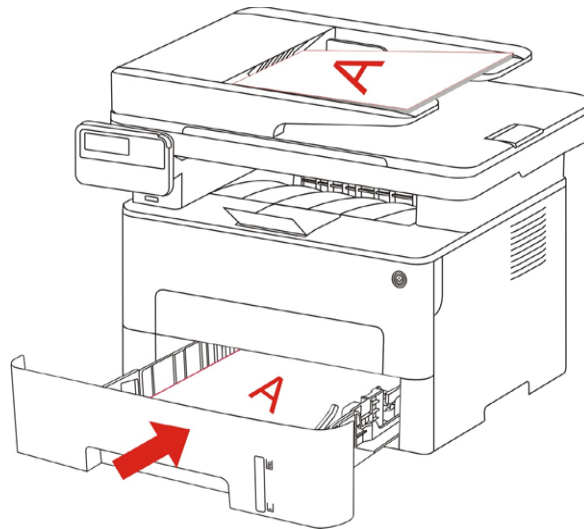
7.4.8. Manual duplex copying

You may use the glass platen or the ADF for duplex copying. The followings are examples of copying with the ADF. There are 4 modes in total for duplex copying:



7.4.8.1. Steps of duplex original copying

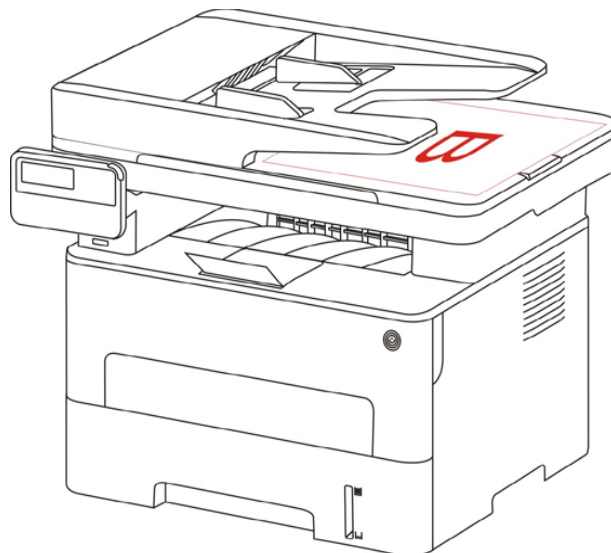
1) Put an original into the ADF with its front upward and its top fed first; meanwhile, make sure there are some paper in the carton.



2) Operate following steps described in [Chapter 7.4](#). Select Duplex Copying and then press “OK” to save settings.

3) Press “Start” to begin copying.

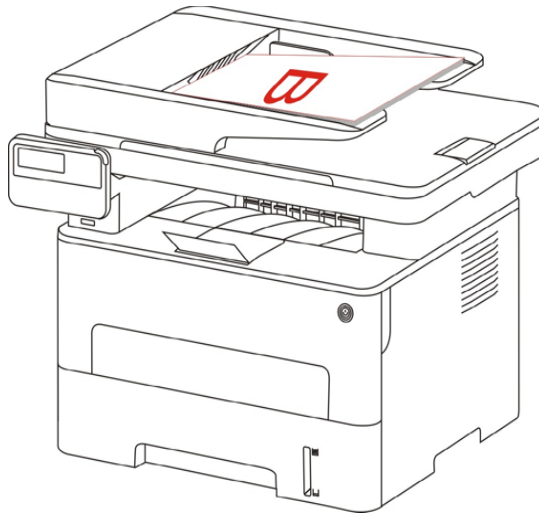
4) Paper exited should be with the direction as shown in the figure:



5) After completion of copying one side, put the paper into the entrance as shown in figure (without turnover or rotation).



Note: • If the turnover prompt on panel times out, the machine will execute one-sided copying automatically.



6) Press "Start" to begin copying the other side.

7.4.9. Paper setting

Select the paper size and paper type of original copying in Paper Settings menu.

Paper dimension: A4, Letter, B5, A5, A6, Executive, Legal and Folio.

Paper type: common paper, thick paper, envelope paper, film paper, card paper, tagboard and thin paper.



Note: • After “multipage” and “clone function” are set, “paper dimension” supports “A4” and “Letter” only.
• For copying with the ADF, only plain paper is available in "Paper Type".

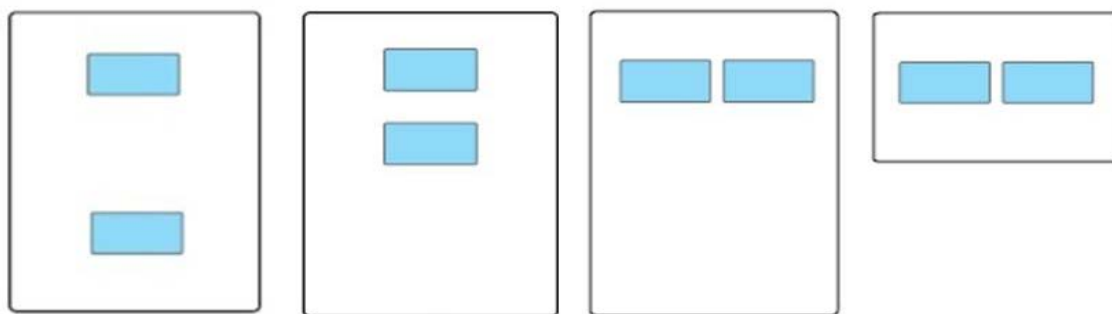
7.5. ID card copying setting

For better copying effect, you can enter the “ID Card Copy Settings” menu to change relevant settings.

1. Press "ID Card Copy" and then "Menu" on control panel to enter the "Menu Settings" interface.
2. Press "OK" to enter the "ID Card Copy Settings" interface.
3. Press “direction key to select option to be set and press “OK key” to set option.

7.5.1.Arrangement mode

There are 4 arrange modes for ID card copying totally:

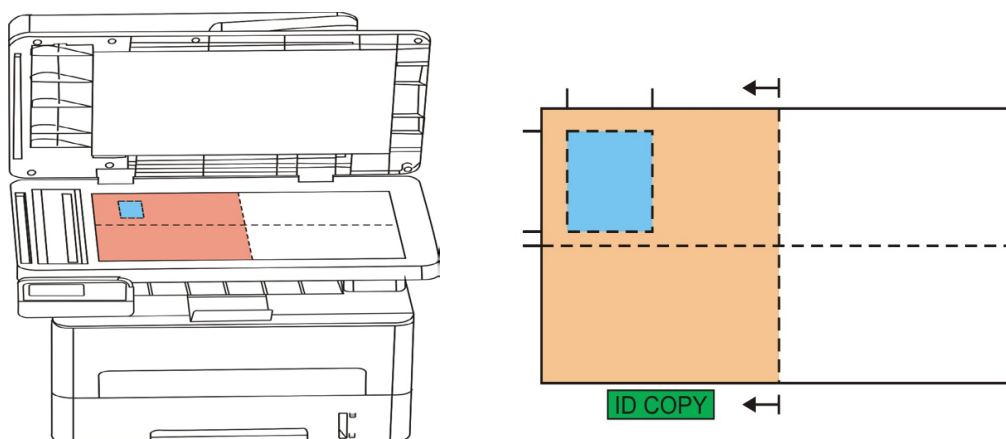


Whole page up-down Half page up-down Half page left-right A5 left and right

Position:

Half page up-down: default mode; put ID card at “orange left half area” of glass platform.

Half-page up and down, half-page left and right or A5 left and right: put the ID card in the “blue area” in glass platen.



Note: • After setting, the arrangement mode can keep valid before startup; after startup, the arrangement mode will recover to default setting.

7.5.2.Intensity

For intensity setting, see [7.4.2](#).

7.5.3.Paper dimension

If arranged in modes of "Full Page Up and down", "Half-page Up and down" and "Half-page Left and right", the paper size supports "A4" and "Letter" only; if arranged in mode of "A5 Long Edge", the paper size supports "A5" only. Please follow instructions on panel to put the paper vertically for printing.

7.6. Receipt setting

For better copying effect of bills, you can enter the "Bill Copy Setting" menu to change relevant settings.

1. Press "Bill Copy" and then "Menu" on control panel to enter the "Menu Settings" interface.
2. Press "OK" to enter the "Bill Copy Setting" interface.
3. Press "direction key" to select option to be set and press "OK key" to set option.

7.6.1.Intensity

For intensity setting, see [7.4.2.](#)

7.6.2.Paper setting

The receipt copying supports A4, Letter, B5, A5, A6 and Executive paper dimension.

8. Scan

This printer provides two types of scan: "Push Scan", which means scanning through the scanning the application. Before scanning, please be sure a printer driver has been installed in the computer.

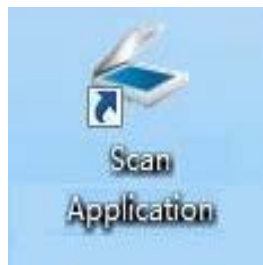
8.1.Pull Scan

You may scan with the scanning application in PC via USB, wired connection. Please be sure the printer has been properly connected before scanning.

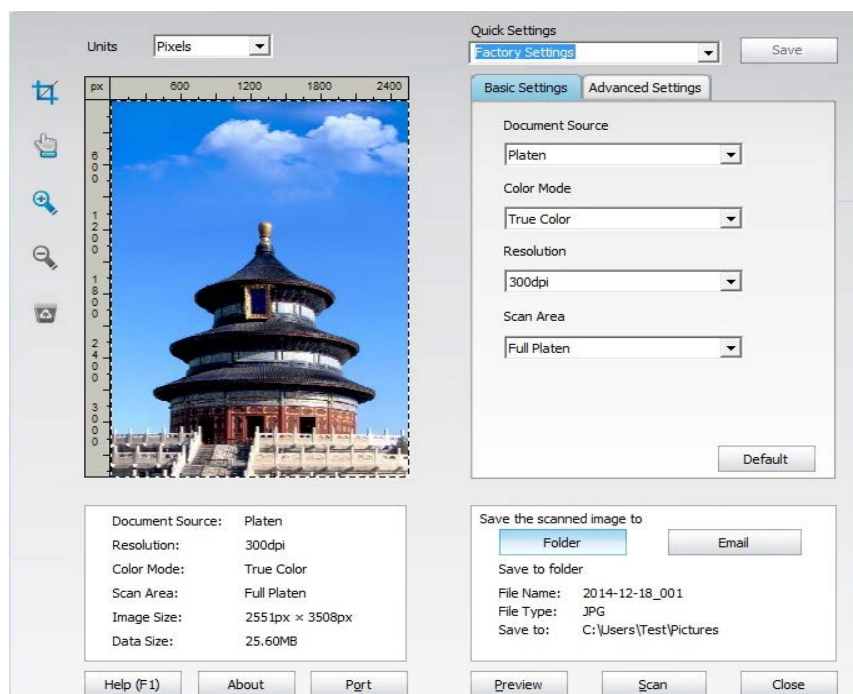
8.1.1. Scan Application

Operation Steps:

- 1) Double click on "Scan Application" on the computer, the icon is shown as below:



- 2) The prompt window is shown as below:



- 3) Set Scan in the right list. Click "Scan" on the bottom right corner and start scan.



Note: • scan application software can scan pictures and support formats of files: BMP, JPG, TIF, PDF, and PNG.

• You may click "Help (F1)" to open the help document of the scanning application to learn more scanning setting information.

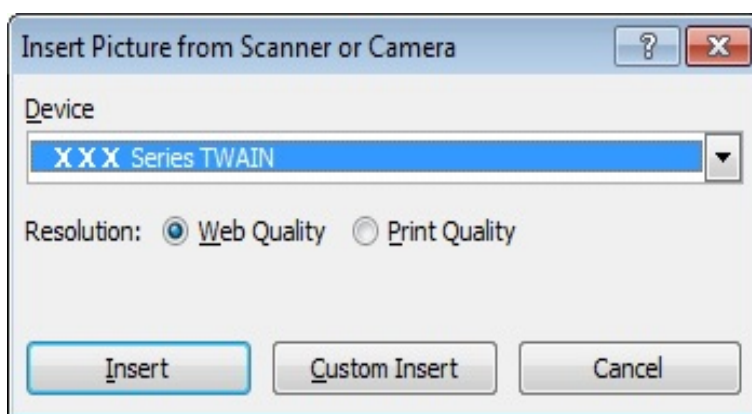
This product complies with the TWAIN and Windows Image Application (WIA) standard. If using the application which supports TWAIN and WIA standard, users can use the scan function and directly scan the images to the open application. The handbook requires Office Software (Word and Excel) and Photoshop ,for example, to show the operation.

8.1.2. TWAIN Scan Driver

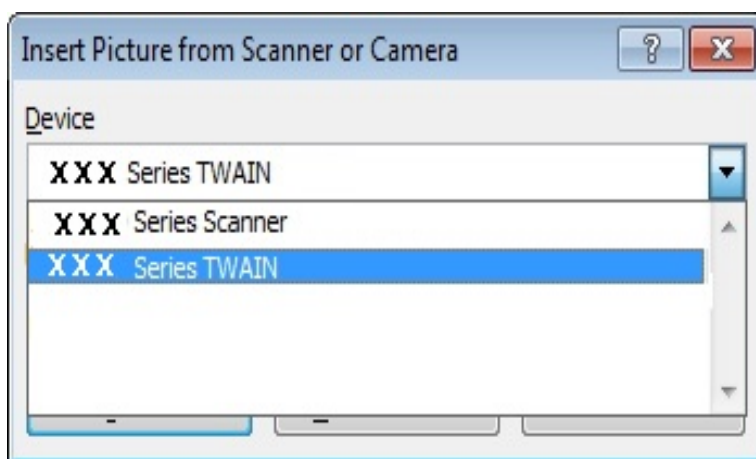
8.1.2.1. Office Software (Word and Excel)

Operation Steps:

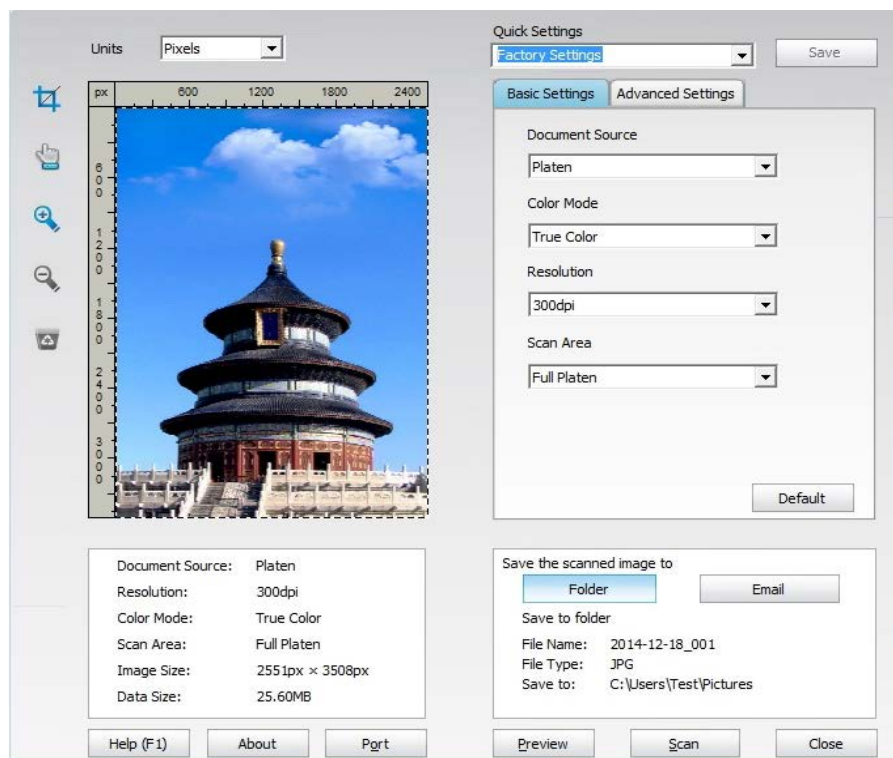
- 1) Open the Office software (Word or Excel).
- 2) Keyboard shortcuts: Alt+I+P+S to open the application's window.



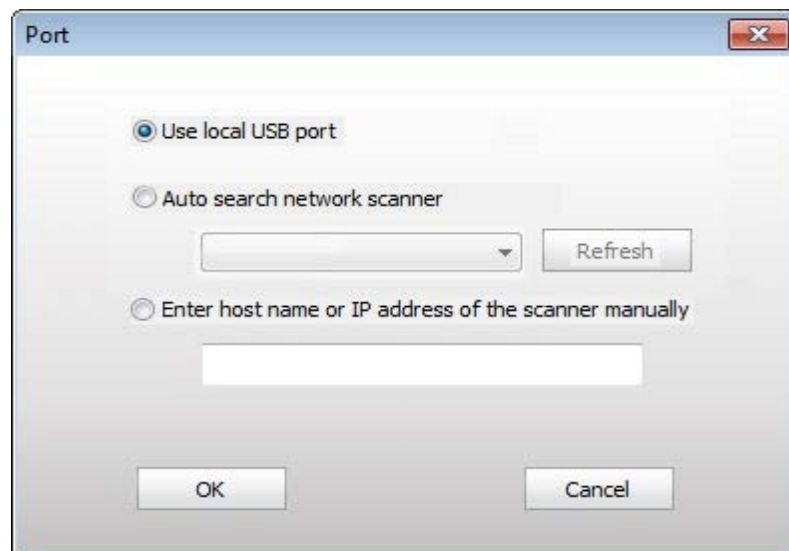
- 3) Click on "Device" option and select TWAIN Scan, click the "Custom Insert" button below.



4) After the window pops up, set the scan information in the right list of "Basic Setting" and "Advanced Setting". Click on "Scan" and start scan.



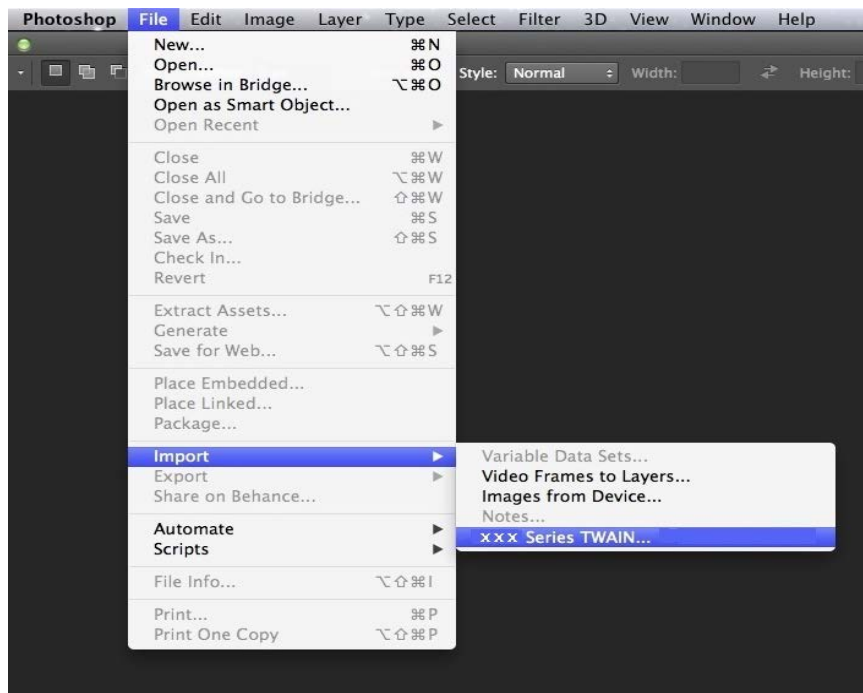
If you desire to change a scanning port, please click "Port" at the lower part of above picture to select a scanning port, as shown below:



8.1.2.2. Photoshop

Operation Steps:

- 1) Launch Photoshop, click on "File" – "Import" on the top left corner and select TWAIN Scan, as is shown below:



- 2) After the window pops up, please refer to Step 4 of [8.1.2.1](#) to see the specific operation steps.

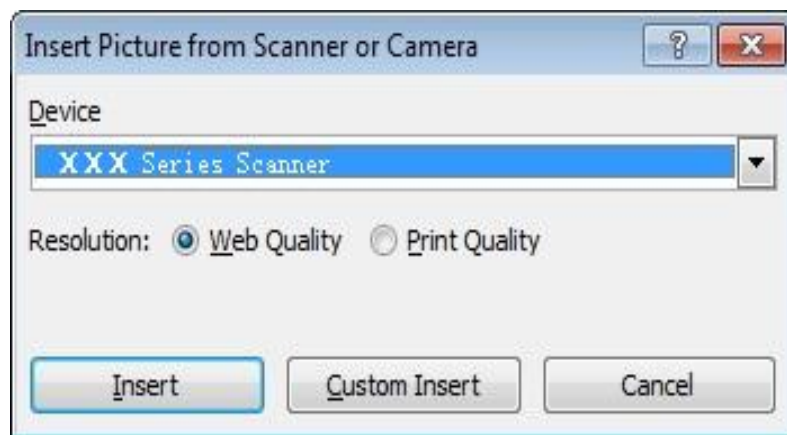
8.1.3. WIA Scan Driver

8.1.3.1. WIA1.0 Scan (Windows XP / Windows Server 2003)

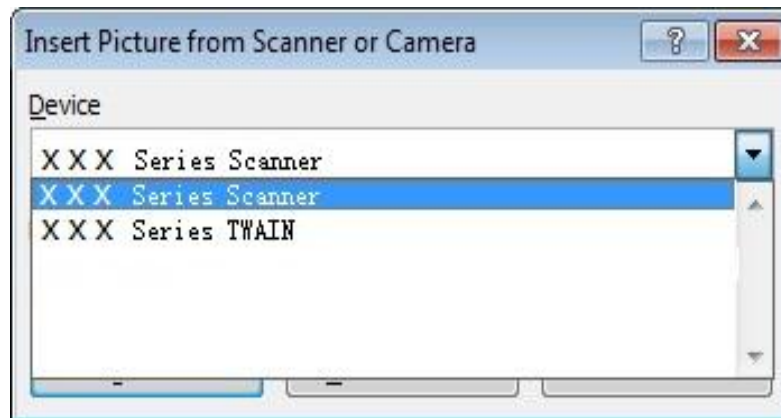
1. Office Software (Word and Excel)

Operation Steps:

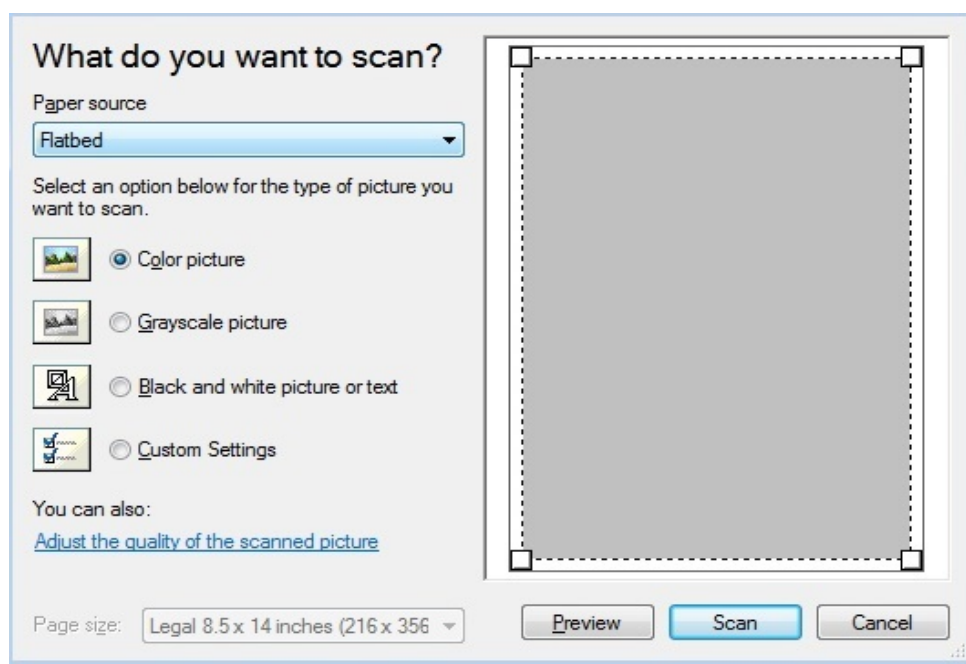
- 1) Open the Office software (Word or Excel).
- 2) Keyboard shortcuts: Alt+I+P+S to open the application's window.



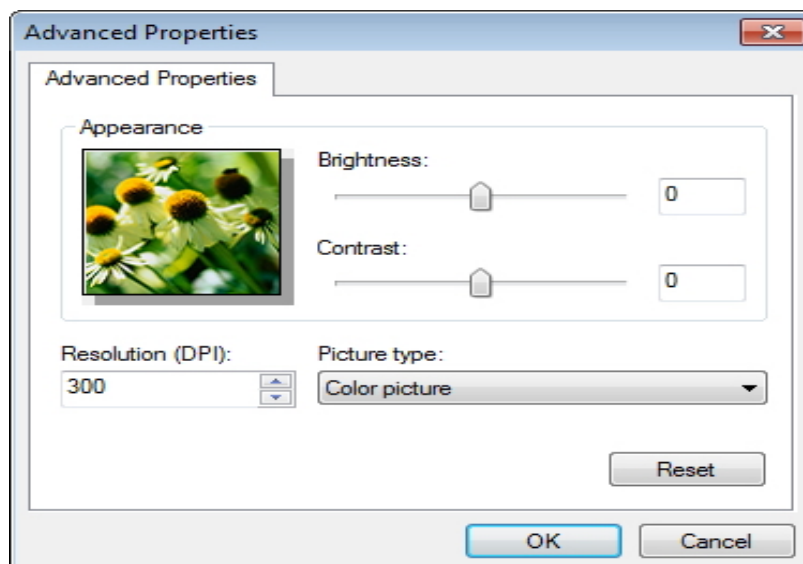
3) Click on "Device" and select WIA Scan,click the "Custom Insert" below.



4) The prompt window as is shown below, set the scan information.



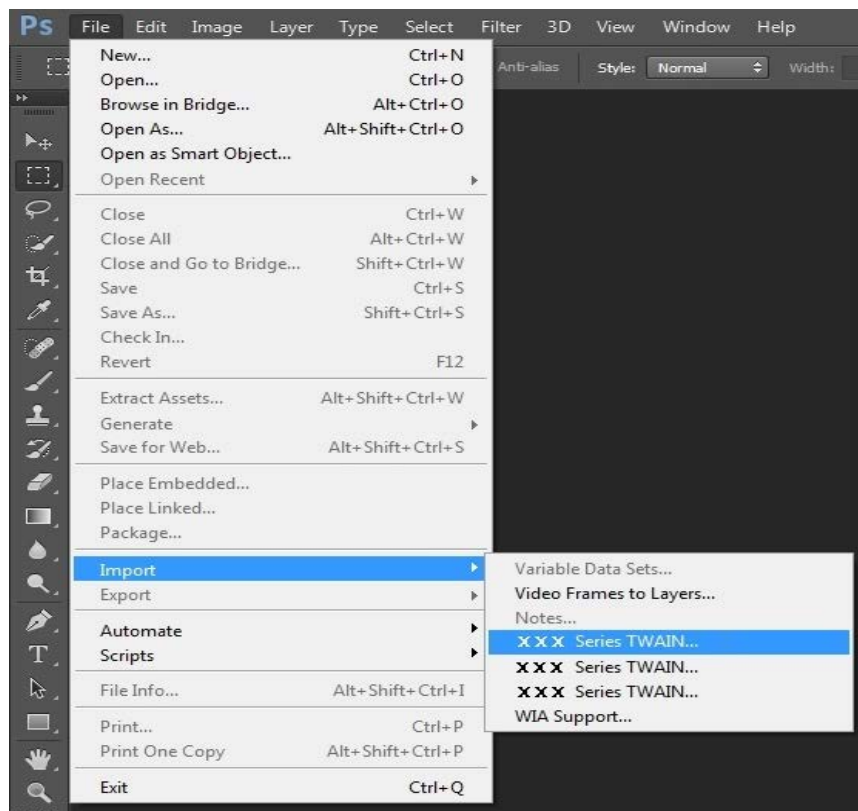
5) Click on "Adjust the Scanned Image Quality" on the bottom left corner of the above picture, the advanced properties interface will pop up, then users can set the scan; After finishing the settings, click on the "OK" button, then "Scan" button to start scan.



2. Photoshop

Operation Steps:

1) Launch Photoshop, click "File" - "Import" on the top left corner and select WIA Scan, as is shown below:

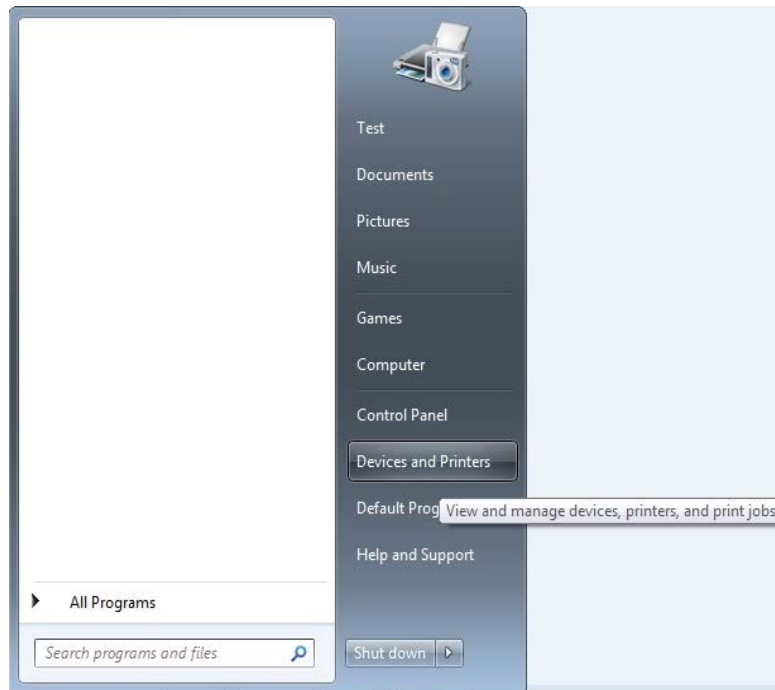


2) After the window pops up, please refer to Step 4 and Step 5 of [8.1.3.1](#) to see the specific operation steps.

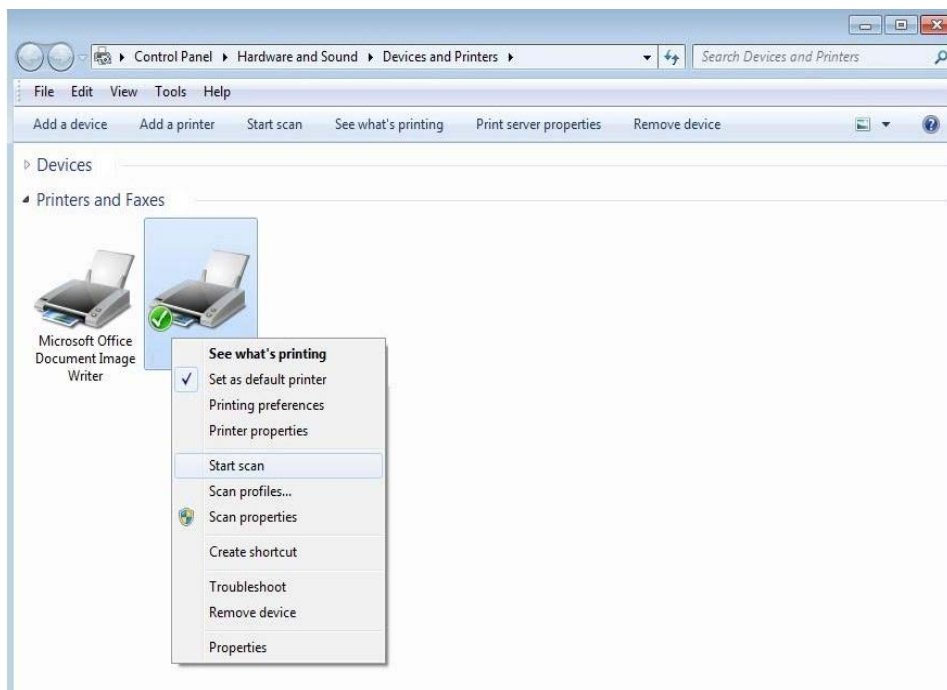
8.1.3.2.WIA 2.0 Scan (Windows Vista / Windows Server 2008 and later versions)

Operation Steps:

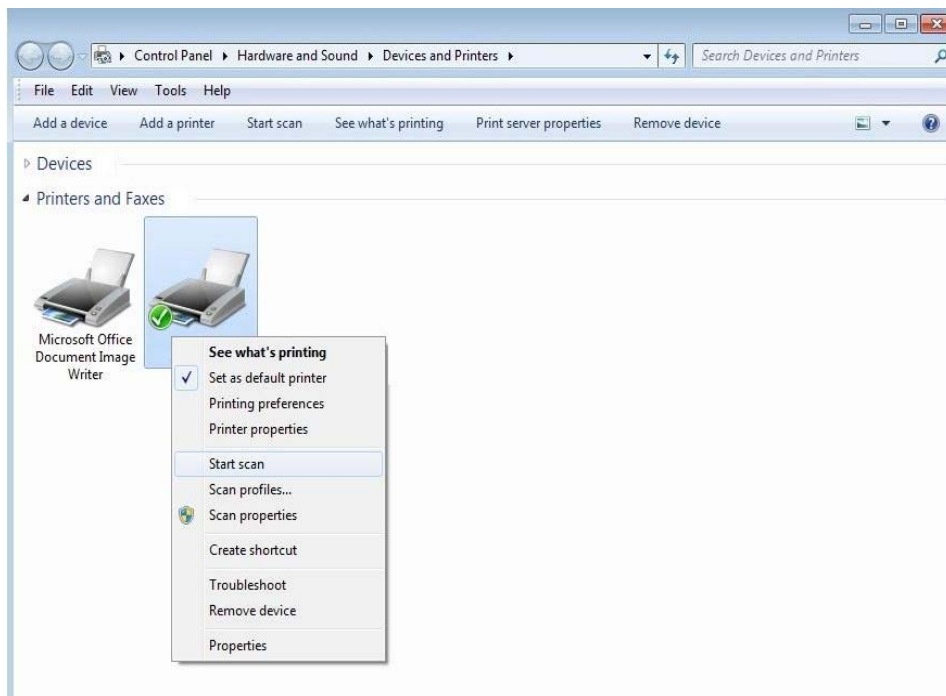
1) Click on "Start"- "All Programs"- "Device and Printer" on the left bottom of the desktop.



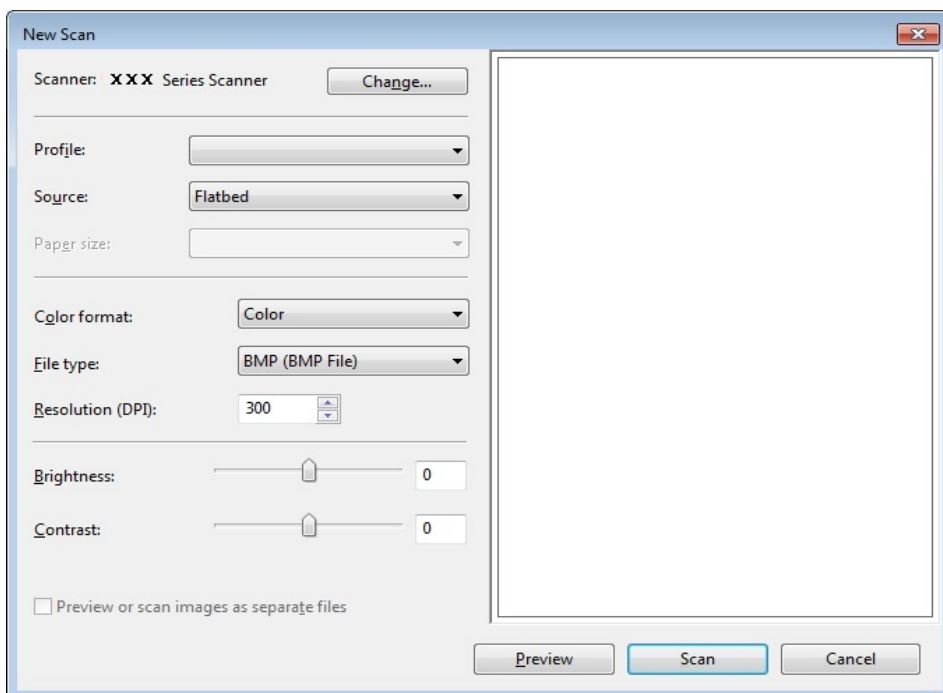
2) When the pop-up window appears, select the printer you want to use, and right click the mouse.



3) Click on "Start Scan" in the above option bar.



4) After the window pops up, set the scan and click "Scan" on the bottom right corner and start scan.



8.2.Mac System Scan

8.2.1.ICA Scan

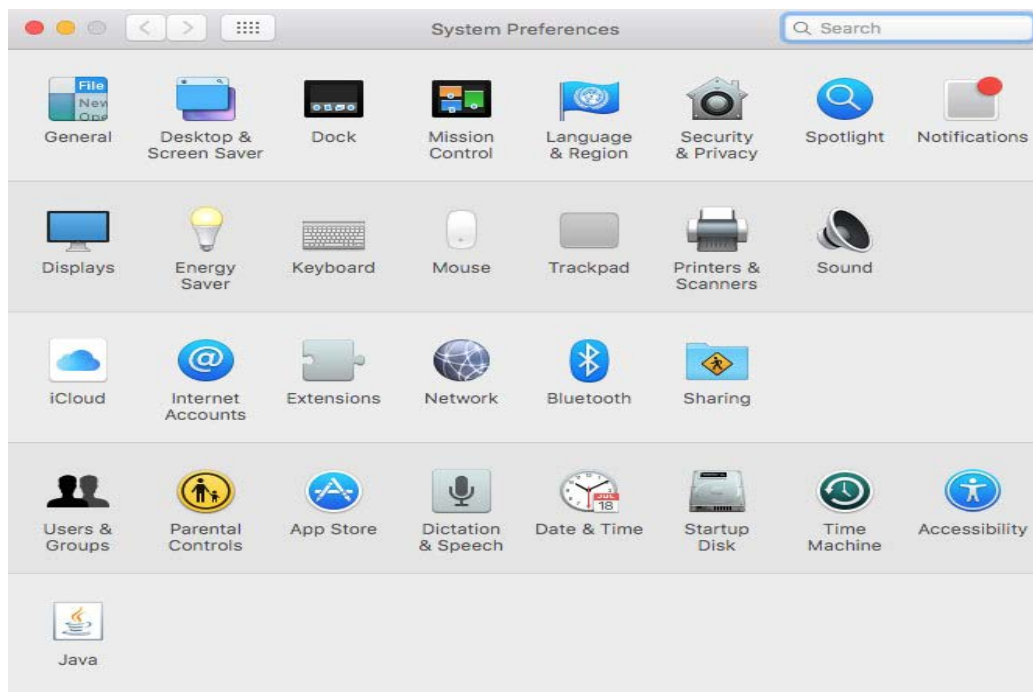
8.2.1.1.Open ICA via "Print and Scan"

Operation Steps:

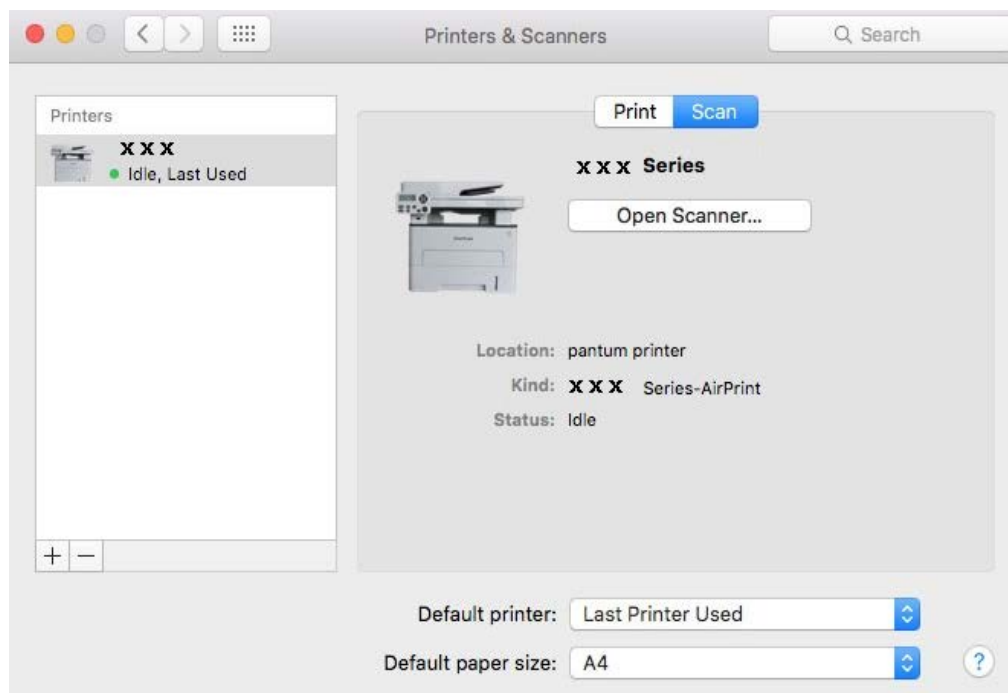
1) After installing the printer driver, click "System Preferences" icon on the bottom left corner of the computer desktop.



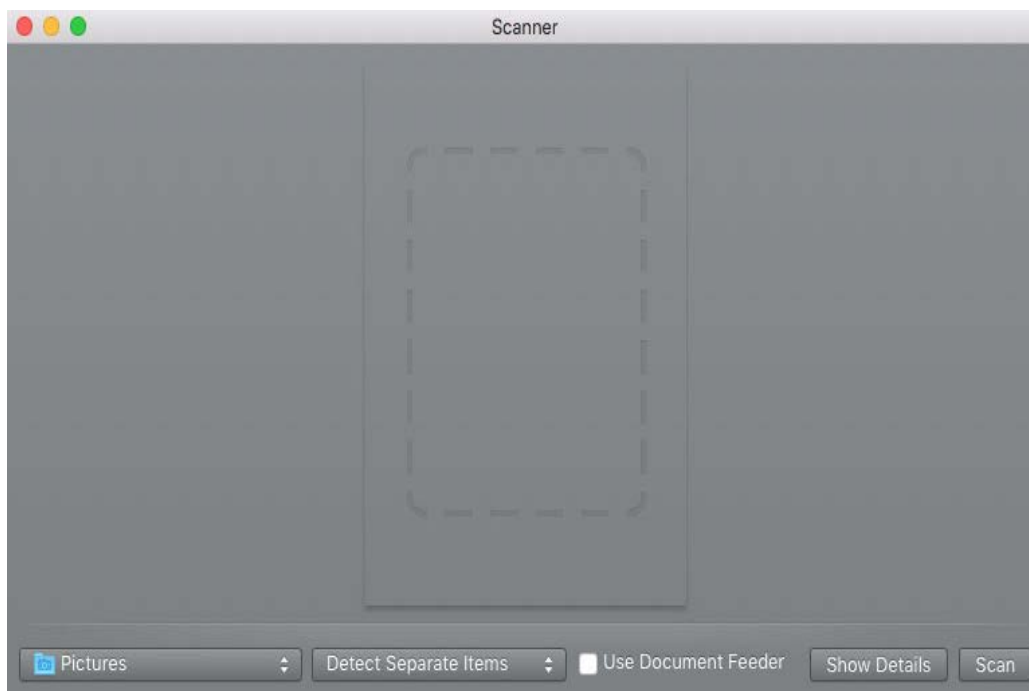
2) After the window pops up, click on "Print and Scan".



3) After the window pops up, click on "Scan".



4) Click on "Open Scanner" and the scan window will pop up.



- Click on "Show Details" on the bottom right corner to set the scan parameters.

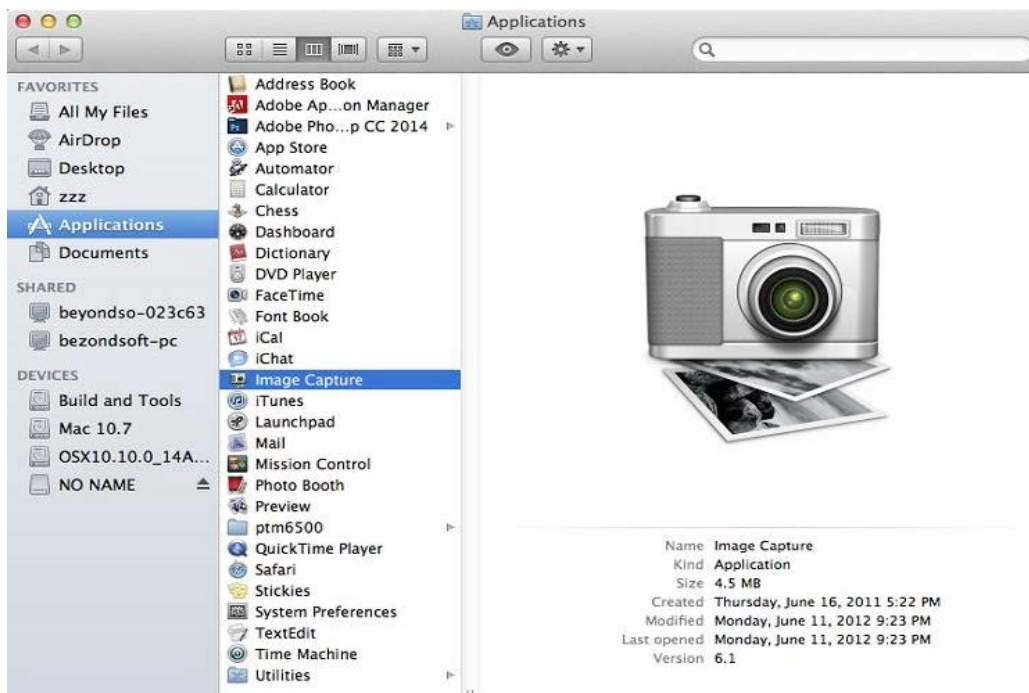


- Click on "Scan" on the bottom right corner and start scan.

8.2.1.2. Call CIA through applications

Operation Steps:

- Click on "Finder" icon on the bottom left corner of the computer desktop, or use keyboard shortcuts command+shift+C to open the window. Find "Image Capture" in "Applications" (or conduct keyboard shortcuts command+shift+A to directly switch to "Applications") and click to launch the application.



2) After selecting the printer in the left list, set the scan parameters in the right list. Click on "Scan" on the bottom right corner and start scan.

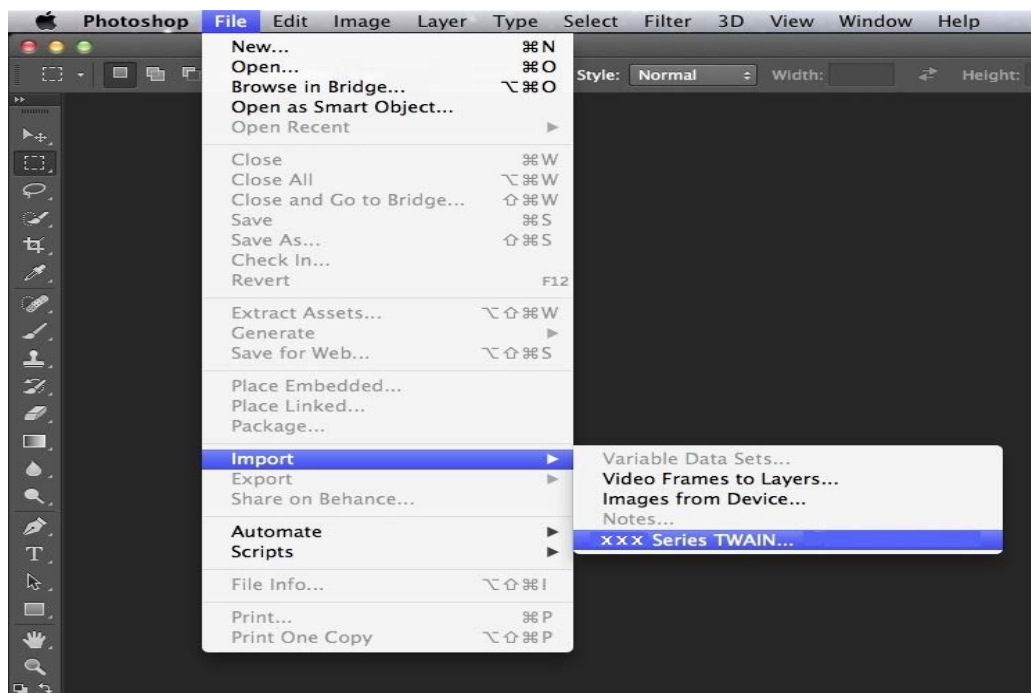


8.2.2. TWAIN Scan

Take Photoshop as an example.

Operation Steps:

1) Launch Photoshop, click on "File" – "Import" on the top left corner and select TWAIN Scan, as is shown below:



2) After the window pops up, please refer to Step 4 of [8.1.2.1](#) to see the specific operation steps.

8.3. Push Scan

This section is mainly to introduce how to scan files to PC, E-mail, FTP and USB with the printer's control panel.



-
- Note:**
- The one-page file scanned to PC, E-mail or FTP could be saved in PDF, TIFF or JPEG; if scanned to USB, it could be saved in PDF and JPEG.
 - Under merge scan mode, a file scanned to PC or USB will be saved in PDF be default; if scanned to E-mail or FTP, it will be saved in PDF, TIFF or JPEG.
-

8.3.1. Scan to PC

You may operate the printer's control panel to scan a file to PC. (Only support connection method of USB connection line.)

1. Be sure the printer and the computer are both switched on and connected with each other properly.
2. Put an original on the glass platen or into the ADF (please see [Chapter 2.5](#) for how to put an original).
3. Press "Scan" and then "▲" or "▼" on control panel to select "One-page Scan" or "Merge Scan"; then, press OK.
4. Press "Menu" and then "OK" to enter the "Scan Setting" interface.
5. Press "▲" or "▼" to select "Scan To" options; then, press OK.
6. Press "▲" or "▼" to select "Scan to PC" and then press OK; press "Start" to begin scanning.
7. For merge scan, please put files to be scanned on the glass platen and then press "Start" to scan the next page (directly continuous scanning is available if scanning with the ADF).

8.3.2. Scan to E-mail

You may scan a black-white or color file as an appendix to the e-mail application, with specific operation steps as follow:

1. Be sure the printer and the computer are both switched on and connected with each other properly.
2. Please see [Chapter 5.2.2.1](#) to configure the SMTP Client.
3. Please see [Chapter 5.2.2.2](#) to configure the e-mail address book.
4. Put an original on the glass platen or into the ADF (please see [Chapter 2.5](#) for how to put an original).
5. Press "Scan" button on the control panel, and press "▲" or "▼" to select "Single Page Scan" or "Merge Scan", then press "OK" button.
6. Press "Menu" and then "OK" to enter the "Scan Setting" interface.
7. Press "▲" or "▼" to select "Scan To" options; then, press OK.

8. Press "▲" or "▼" to select "Scan to E-mail" and press "OK" button.
9. Press "▲" or "▼" to select "E-mail Address Book" or "Group Mail" and press "OK" button.
10. Press "▲" or "▼" to select address or group and then press "OK" button; press "Start" button to start scan.
11. For merge scan, please put files to be scanned on the glass platen and then press "Start" to scan the next page (directly continuous scanning is available if scanning with the ADF).

Please follow these instructions on the settings for group emails:

Set the group name for group e-mail sending by webpage, and set the members, i.e. the receivers, in the group of group email. After finishing scanning, firmware will send the scanned documents to the mail server. Then mail server sends the documents to every member of the group.

8.3.3. Scan to FTP

Be sure the user is in an Internet-connected environment in scanning files to FTP server. If you want to scan large files, you may need to input the server address, user name and password to log in the server, with specific operation steps as below:

1. Be sure the printer and the computer are both switched on and connected with each other properly.
2. Please see [Chapter 5.2.2.3](#) to configure the FTP address book.
3. Put an original on the glass platen or into the ADF (please see [Chapter 2.5](#) for how to put an original).
4. Press "Scan" button on the control panel, and press "▲" or "▼" to select "Single Page Scan" or "Merge Scan", then press "OK" button.
5. Press "Menu" and then "OK" to enter the "Scan Setting" interface.
6. Press "▲" or "▼" to select "Scan To" options; then, press OK.
7. Press "▲" or "▼" to select "Scan to FTP" and press "OK" button.
8. Press "▲" or "▼" to select the server and press "OK" button; Press "Start" button to start scan.
9. For merge scan, please put files to be scanned on the glass platen and then press "Start" to scan the next page (directly continuous scanning is available if scanning with the ADF).

8.3.4. Scan to U disk

This printer supports scanning files to USB without a computer. Before operation, please make sure the USB has enough storage space. The specific operation steps are as follow:

1. Insert the USB into the printer's front USB interface.
 2. Put an original on the glass platen or into the ADF (please see [Chapter 2.5](#) for how to put an original).
 3. Press "Scan" button on the control panel, and press "▲" or "▼" to select "Single Page Scan" or "Merge Scan", then press "OK" button.
 4. Press "Menu" and then "OK" to enter the "Scan Setting" interface.
 5. Press "▲" or "▼" to select "Scan To" options; then, press OK.
 6. Press "▲" or "▼" to select "Scan to USB" and then press "OK"; press "Start" to begin scanning.
 7. For merge scan, please put files to be scanned on the glass platen and then press "Start" to scan the next page (directly continuous scanning is available if scanning with the ADF).
- The printer will create a folder named Scan in which all scanned files are saved in PDF or JPG.



Note: • USB formats supported: FAT and FAT32 for Windows system and MS-DOS (FAT) for Mac system.

8.4. Cancel Scan Job

During the scanning, two ways are available to cancel the job:

- 1) Press "Cancel" button on the control panel to cancel the job.
- 2) Click Cancel button on the scan progress bar interface of the computer to cancel the job.

9. Mobile Print/Scan

9.1."InFocus" APP

InFocus APP is a free application with mobile printing, scanning functions, allowing you to print photos, files, pages and scan photos or files directly from mobile terminal. Your printer may not support all of above mentioned functions, so please select relevant function of InFocus APP for use according to your printer type. Please be sure the application has been installed and connected to network properly before use.

9.1.1. Operating systems supported

"InFocus Print" APP is applicable to Android OS 4.4-7.0.

9.1.2. How to download InFocus App

How to download it for Android mobile device:

1. You can download it from its official website www.infocus-china.com Service & support > Driver download > Select printer model > Download and install.
2. You can use Google Play Store > Apps > to search InFocus Mobile Printing > Download and install.

9.1.3.How to use this "InFocus" APP

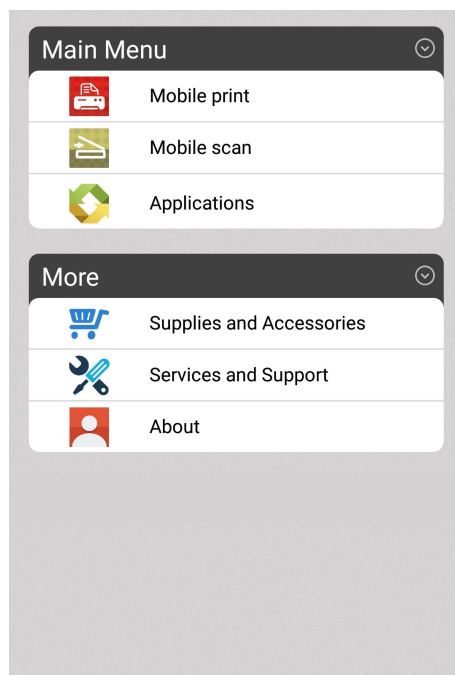
9.1.3.1.Preliminary preparations

1. A printer that has network function.
2. Android mobile device.

9.1.3.2. Operation steps

1. Turn on printer power.
2. Make sure that the Android device and network printer have been connected (please refer to [Chapter 5](#) for setup).

3. Click “InFocus” icon on the main screen of an Android device and the following interface will pop out.



4. Select the function you want and then do relevant settings to meet your functional demands.



- Note:**
- If failure of operation, please check if your Android mobile device has access to the network into which your printer is connected.
 - If the Android device cannot detect any printer, please inspect if power of the printer is turned on and if the printer is turned on.

10. General Settings

This Chapter mainly introduces some general settings.



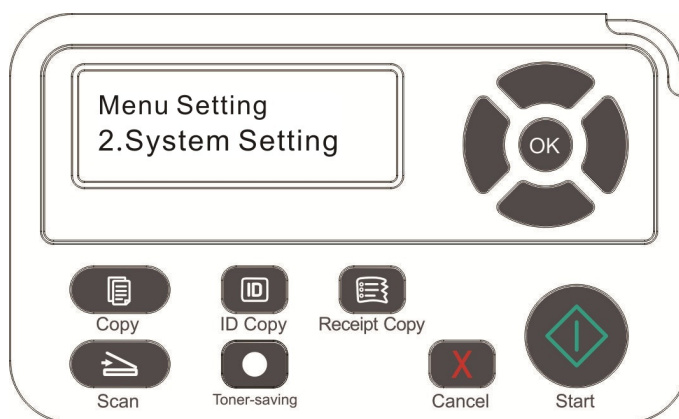
Note: • The panel appearance may be a little different due to difference in type or function. All diagrams are only for reference.

10.1. System Settings

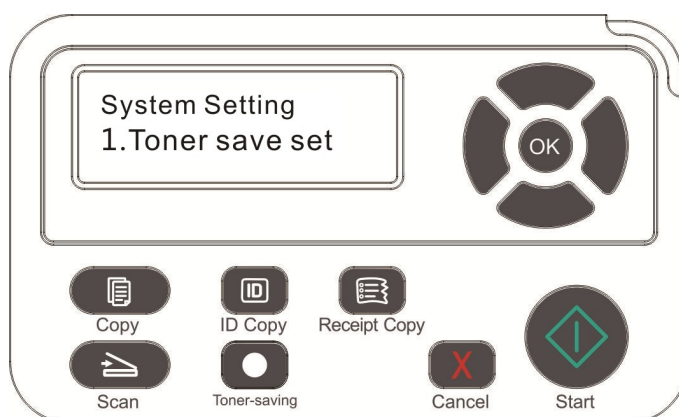
10.1.1. Ink saving setting

You can select the save toner mode which can reduce toner consumption and reduce printing cost. When save toner mode is “on”, the printed color will be lighter. Save toner mode is “off” by default.

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "System Setting" and then press "OK".



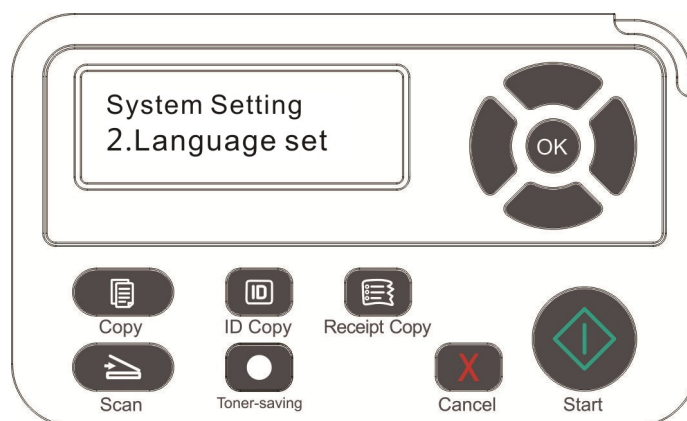
- 3) Press "▲" or "▼" to select "Toner save set" and then press "OK" to enable/disable the Ink Saving mode.



10.1.2. Language Setting

"Language Setting" is used to select the language to be displayed on the control panel.

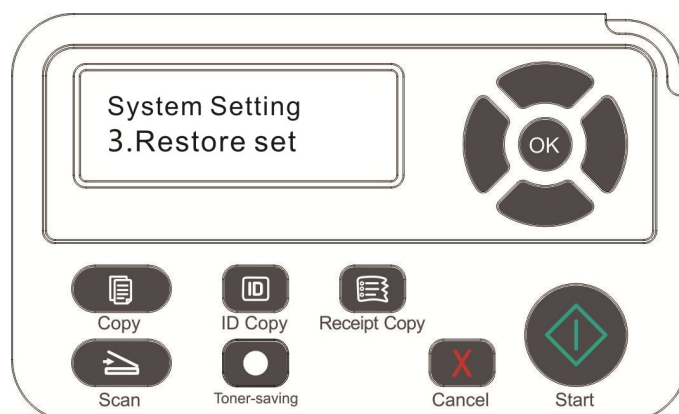
- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "System Setting" and then press "OK".
- 3) Press "▲" or "▼" to select "Language set" and then press "OK" to do language setting.



10.1.3. Restore Factory Settings

"Restore factory settings" is used to recover the default settings of printer. The printer will restart itself automatically after recovering factory settings.

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "System Setting" and then press "OK".
- 3) Press direction key "▲" or "▼" to select the "Restore set" option and press "OK".

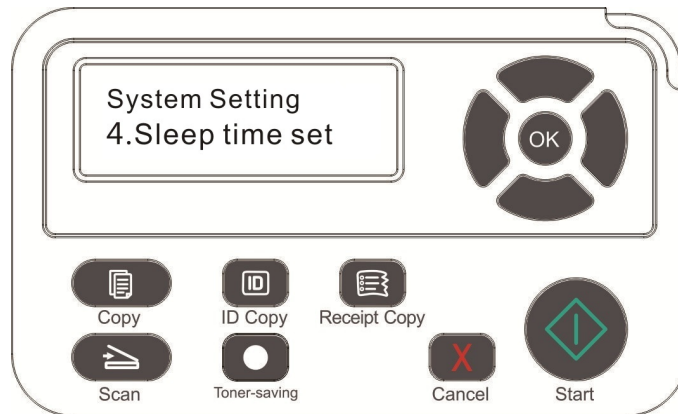


Note: • Factory settings of network printer can be recovered via embedded Web server (please refer to [Chapter 5.2.3](#)).

10.1.4.Sleep Time Setting

Sleep mode can reduce the energy consumption of printer effectively, and "Sleep time setting" can be made in the idle time before the device enters sleep mode.

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "System Setting" and then press "OK".
- 3) Press direction key "▲" or "▼" to select "Sleep time set" option, and press "OK" key to set the corresponding sleep time.

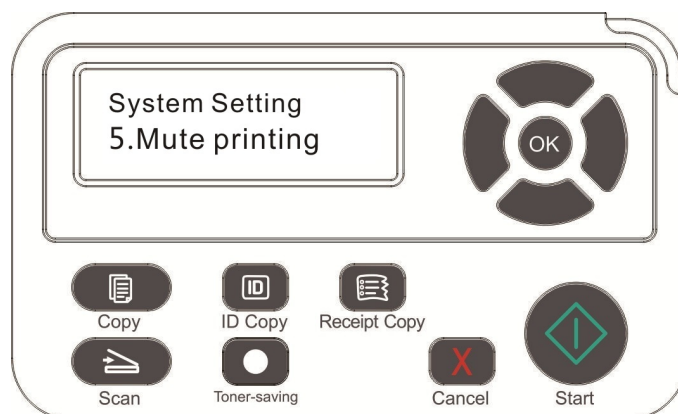


- Note:**
- In sleep mode, the printer can be woken up by pressing any key or sending printing work.
 - Sleep time of network printer can be set with the embedded Web server (Please refer to [Chapter 5.2.2.4](#)).

10.1.5.Mute printing

Set mute mode to realize low speed printing with low noise. When mute mode is "on", printing will be in a low speed. This mode is "off" by default.

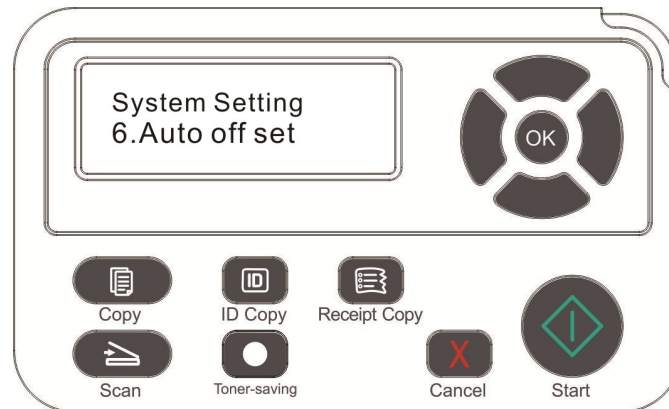
- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "System Setting" and then press "OK".
- 3) Press direction key "▲" or "▼" and select "Mute printing" option and press "OK" key to turn on/off this mode.



10.1.6.Auto shut-off setting

“Auto shut-off setting” to set off condition and off delay of printer.

- 1) Press "Menu" to enter the Menu Settings interface.
- 2) Press "OK" to select the "System Setting" option.
- 3) Press direction key “▲” or “▼” to select options of “Auto off set”, press “OK” to set of condition and off delay.



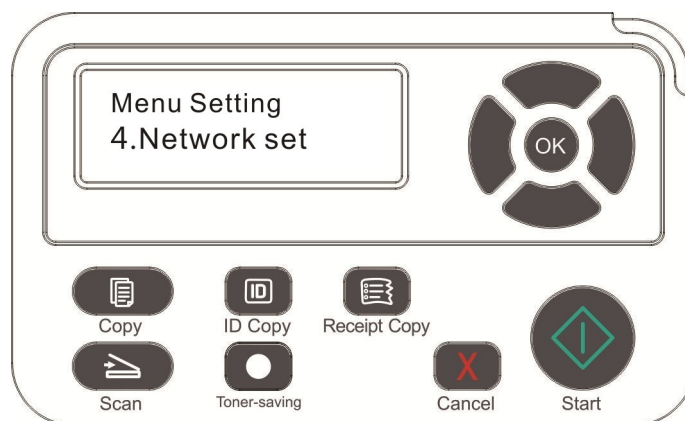
Note: Set auto off condition:

- Shutdown under no-port state (default configuration): no port is connected, printer is under standby or sleep mode.
- Shutdown under idle state: the printer is under standby or sleep mode.
- If auto off condition is satisfied, printer will be off at the preset time.
- After printer is off, power consumption is 0.5W or lower.
- Individual countries (or regions) do not support auto off setting.

10.2.Network Settings

You can check or set network status via network setting.

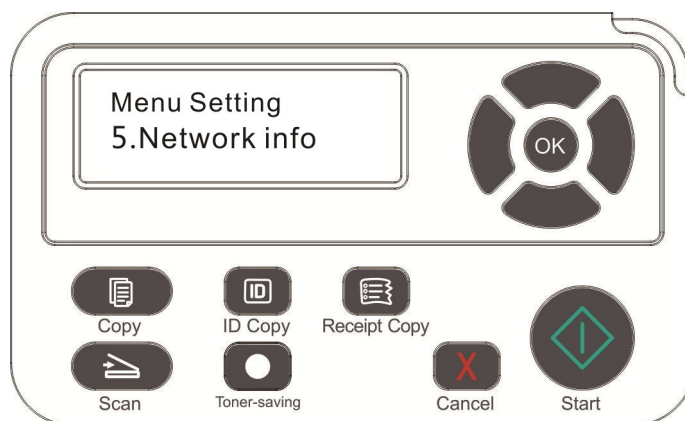
- 1) Press "Menu" to enter the menu setting interface.
- 2) Press direction key “▲” or “▼” and select “ Network Set” option.
- 3) Press “OK” key to set “Network set”.



10.3.Network Information

You can check the network status through Network Information.

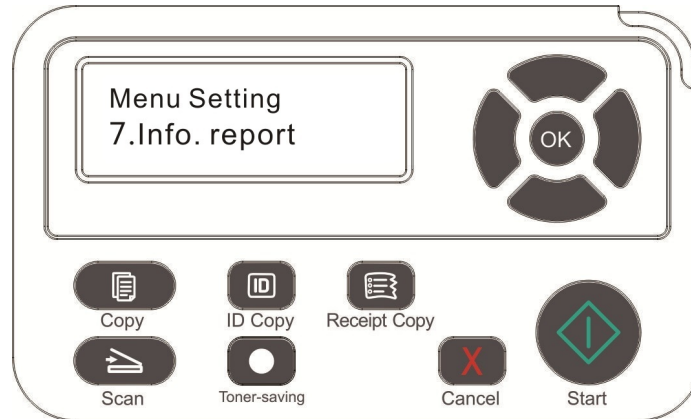
- 1) Press "Menu" to enter the menu setting interface.
- 2) Press direction key “▲” or “▼” and select “Network info” option and press “OK” key to view “wired network information”.



10.4. Print information report

You can print information report by operating control panel. These pages can help you to learn about product information, and diagnose and solve product failures.

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "Info.report".



- 3) Press "OK" key to enter information report print. You can print product report according to needs. Product reports that could be printed include Demo page, information page, menu structure page, network configuration, e-mail address, group e-mail, FTP address .

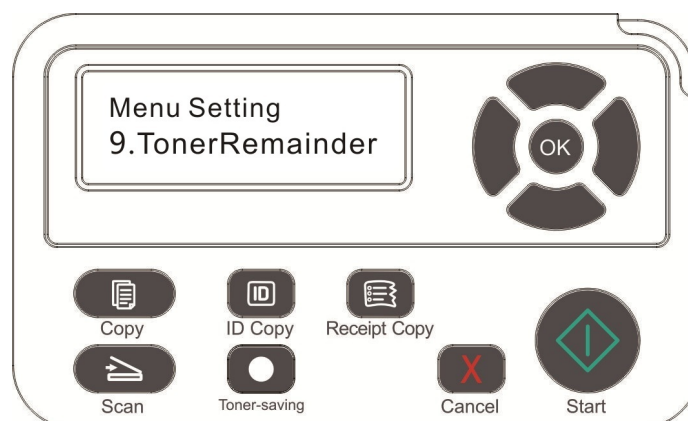


Note: • The product report above is the most complete version, and may be different from the product report of model that you actually use. "

10.5. Residual amount of toner

You may check the current residual amount of toner in cartridge with the printer's control panel.

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "TonerRemainder".



- 3) Press "OK" to enter and check the residual amount.

10.6. Online upgrade

This printer supports firmware upgrade with its control panel without a computer.

- 1) Switch on the printer and then connect it to network.
- 2) Press "Menu" to enter the Menu Settings interface.
- 3) Press "▲" or "▼" to select "Online upgrade" and then press "OK".
- 4) Please follow instructions to operate. After completion, please reboot the printer.



Note: • if the firmware fails to be downloaded, please reboot the printer and then operate again.

11. Routine Maintenance



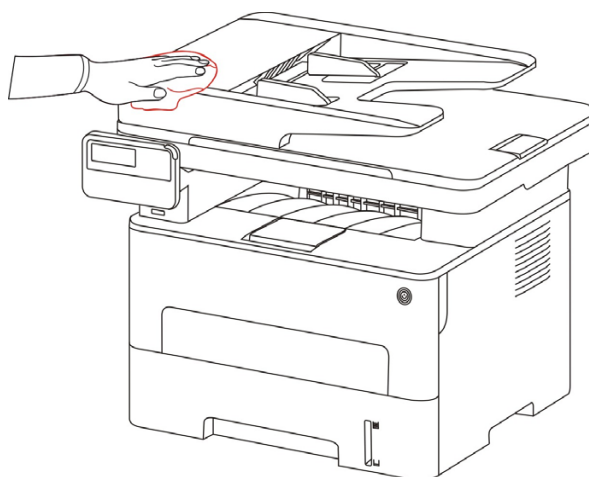
Note: • Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.

11.1. Cleaning the Printer

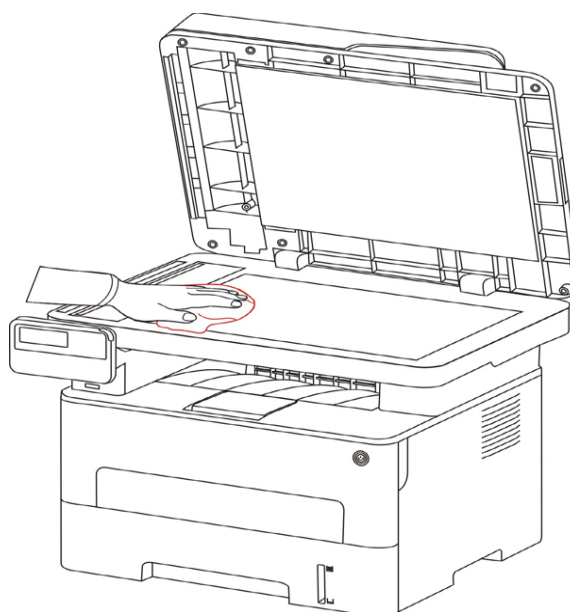


Note: • Please use mild detergents.
• Some parts of the printer are still in high temperature within a short time after use. To prevent burns, please don't directly touch places labeled with high temperature warning in contact with internal components after opening the printer's front or rear cover.

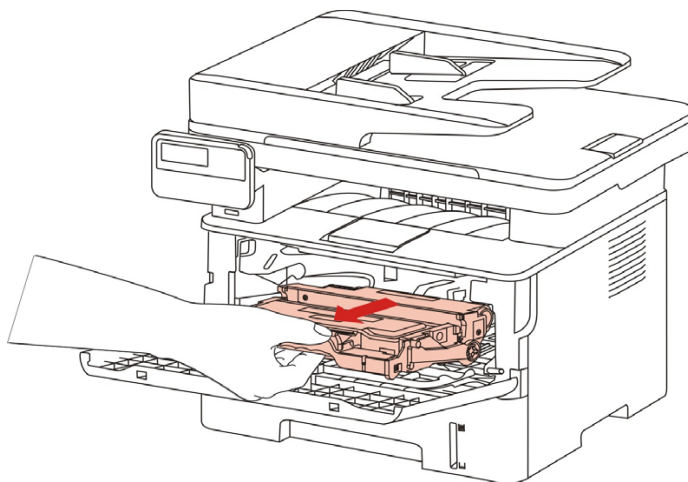
1. Use a soft cloth to wipe the outside of the printer clean.



2. Open the scanner cover and then wipe the glass platen gently with a soft cloth.

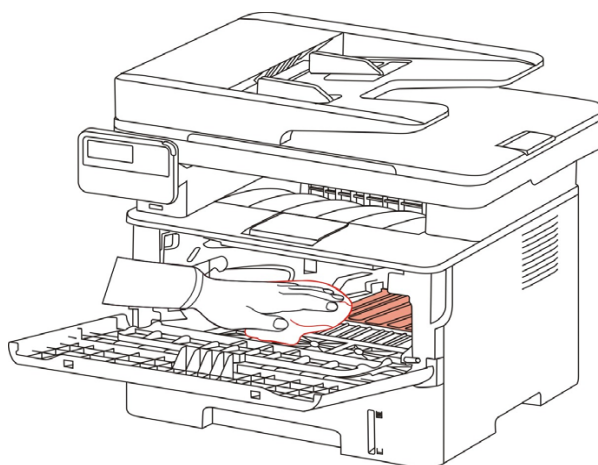


3. Open the front cover and take the laser toner cartridge out along the track.

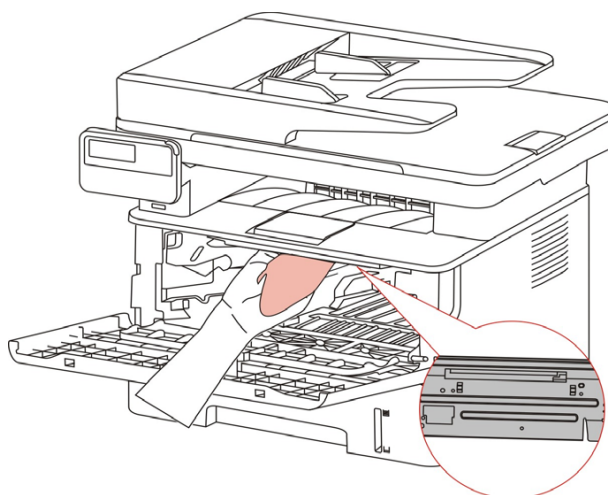


Note: • When removing the toner cartridge, put the toner cartridge in a protective bag or wrap it with thick paper to avoid direct light damaging the toner cartridge.

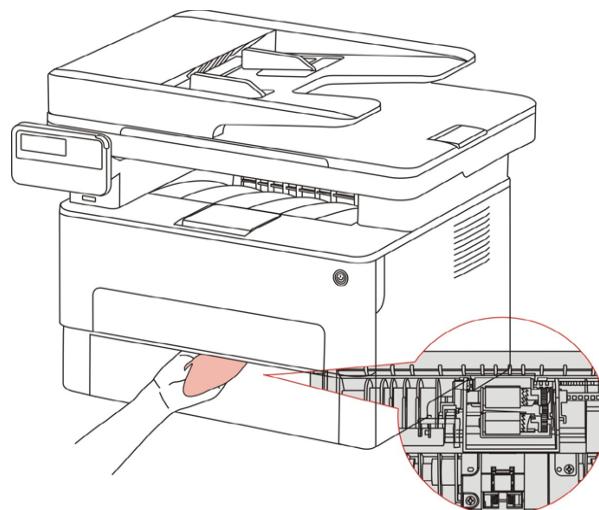
4. Clean the inside of the printer by gently wiping the shaded area, as shown in picture, with adry and lint-free cloth.



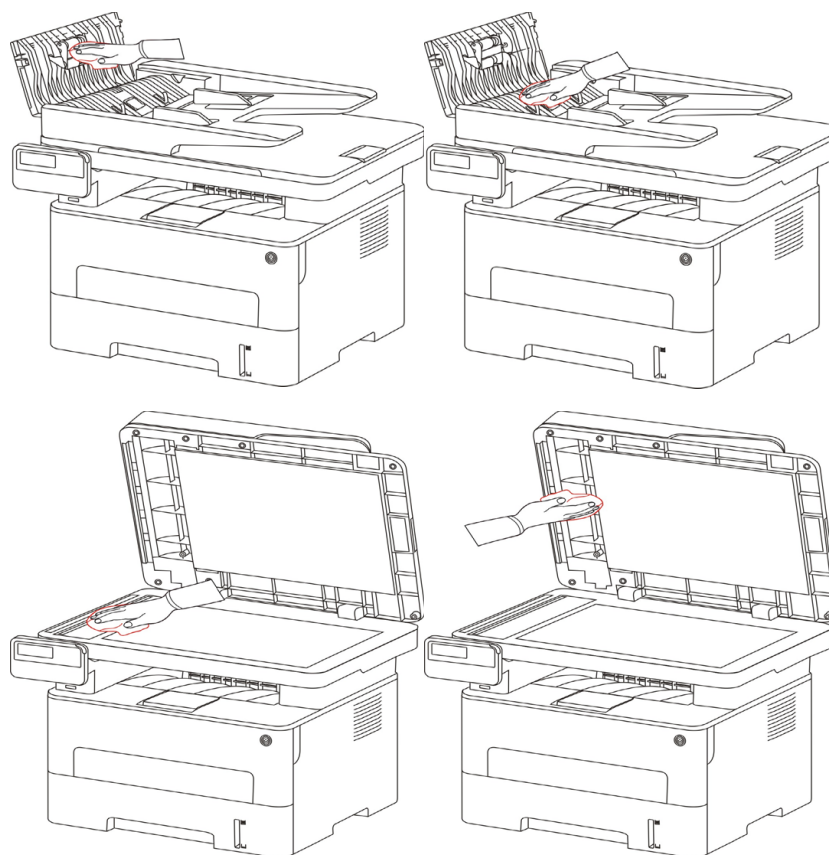
5. Wipe the LSU lens of printer gently with dry lint cloth.



6. Open the auto feed tray and wipe the pickup roller gently with dry lint cloth.



Note: • the machine with the ADF should be regularly cleaned, removing dirt on the top cover of the ADF. Please wipe the place as shown in figure with a soft cloth.



11.2.Toner cartridge and drum component maintenance

11.2.1.About toner cartridge and drum component component

1.Cartridge, use and maintenance of the drum assembly.

Please use the original toner cartridge for better printing quality.

Please pay attention to the following items while using the toner cartridge:

- Please keep the toner cartridge in a dry and dark place.
- Do not refill the toner cartridge without permission; otherwise, the damages caused will not be included in the scope of warranty of the printer.
- Please place the toner cartridge in cool and dry places.
- Please do not place the toner cartridge near ignition sources, as the toner inside it is inflammable and may cause fire.
- Please pay attention to toner leakage while it is taking out or disassembled. In case of toner leakage, skin contact with toner or spattering into eyes or mouth, please wash it with clear water immediately, or see a doctor if feeling unwell.
- When placing the cartridge, please stay away from children may contact area.

2. Service life of toner cartridge

- The service life of toner cartridge is depending on the toner quantity needed by printing.
- When a prompt that “The Toner Cartridge life Expired” appears on the display, it indicates its service life expires. So please replace it.

3. Service life of drum component

- When a prompt that “The Drum Unit life Expired” appears on the display, it indicates its service life expires. So please replace it.

11.2.2.Replace toner cartridge and drum component

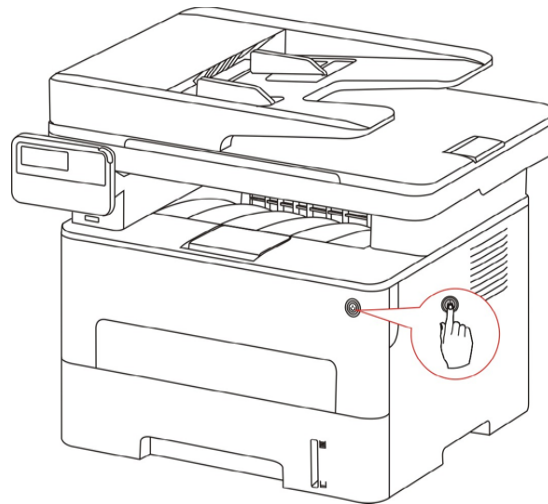


Note: Please pay attention to the following matters before replacing toner cartridge:

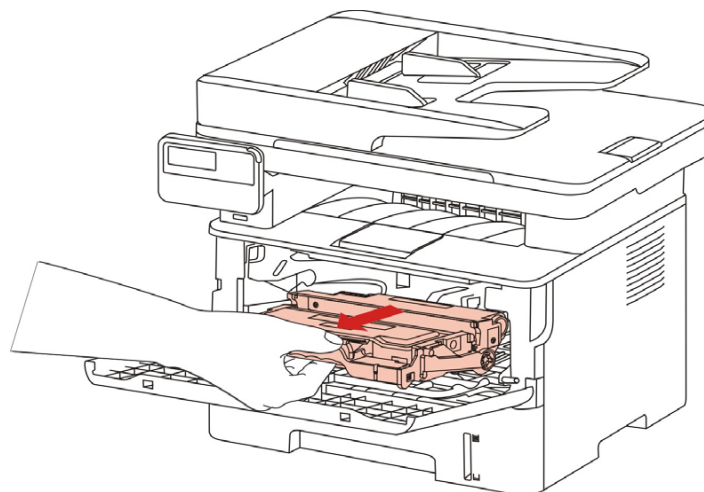
- Since there may be toner on the surface of toner cartridge, please pay attention while taking it out to avoid spattering.
 - Please place the toner cartridge taken out on paper to avoid large-scale spattering of toner.
 - When installing, do not touch the surface of the toner cartridge, so as to avoid scratching it.
-

Toner cartridge replacement steps:

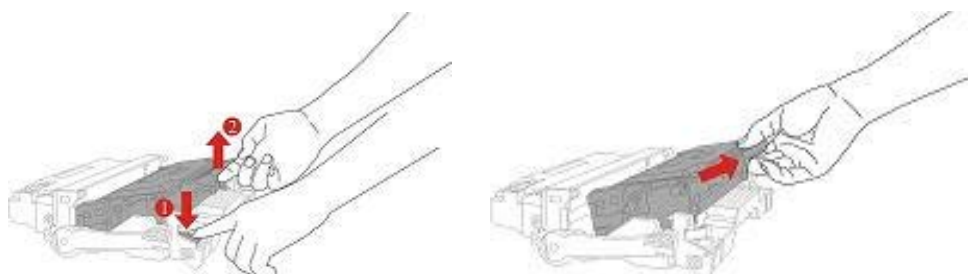
1. Power off the printer.



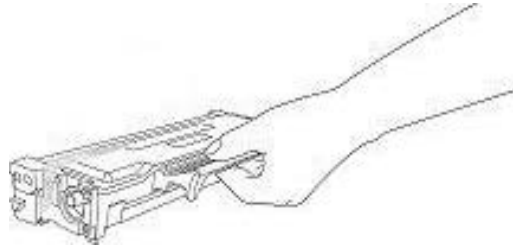
2. Open the front cover and then remove the laser toner cartridge along the guide rail.



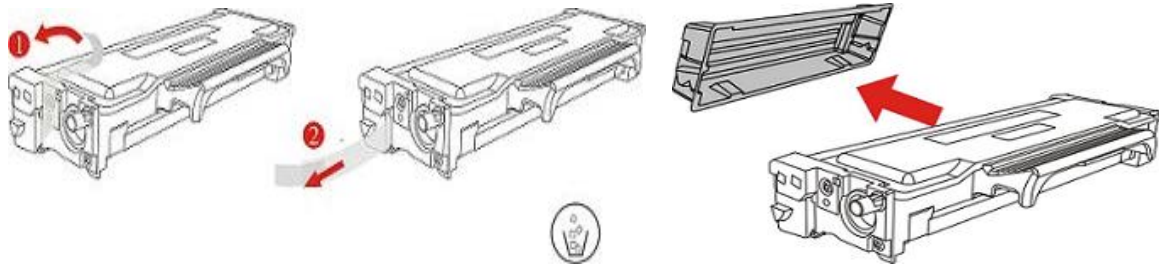
3. Press the blue button on the left side of drum component with left hand and lift the toner cartridge handle with right hand at the same time to take the toner cartridge out.



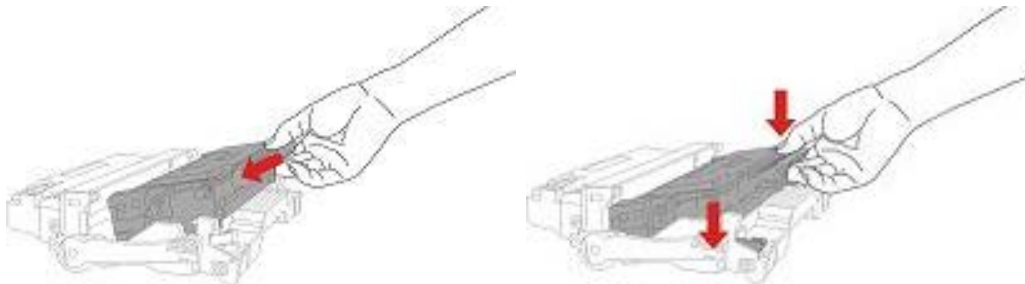
4. Open the package of the new toner cartridge and hold the toner cartridge handle to shake it left and right for 5 – 6 times, so that the toner inside can be uniformly dispersed.



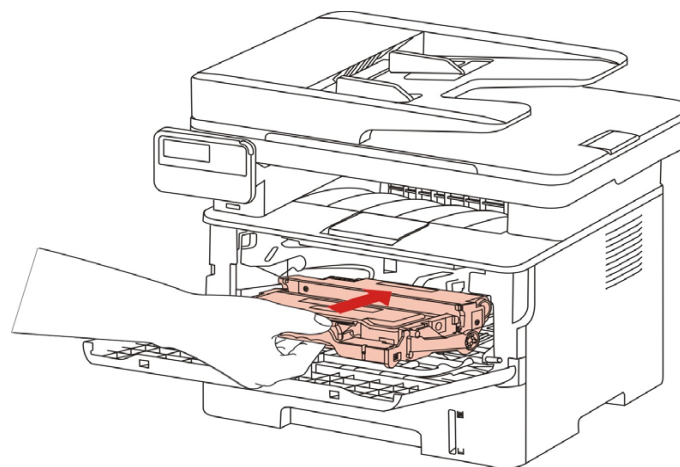
5. Pull the seal out and take the toner protection cover out.



6. Install the drum component along the inner track to finish installing toner cartridge.



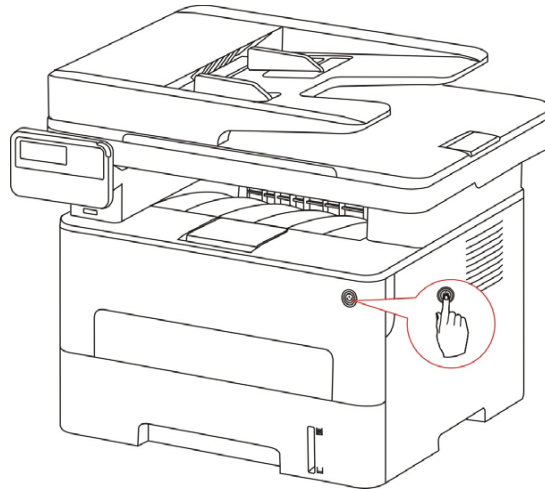
7. Take the drum component with toner cartridge installed and install it inside the printer along the inner track of printer to finish installing.



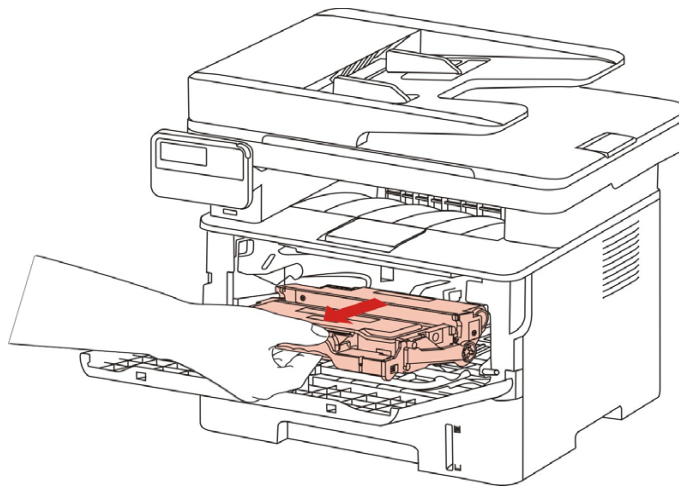
8. Close the front cover.

Replace the drum assembly steps are as follows:

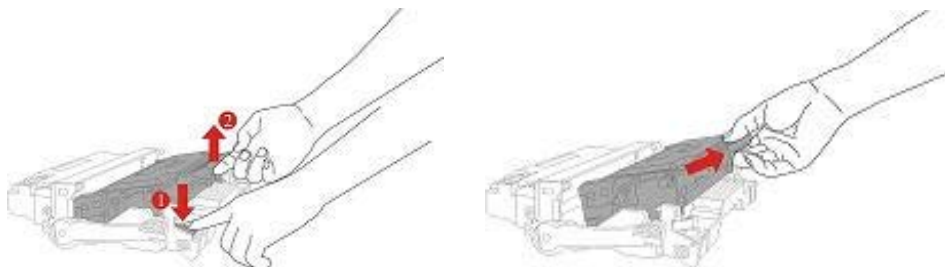
1. Power off the printer.



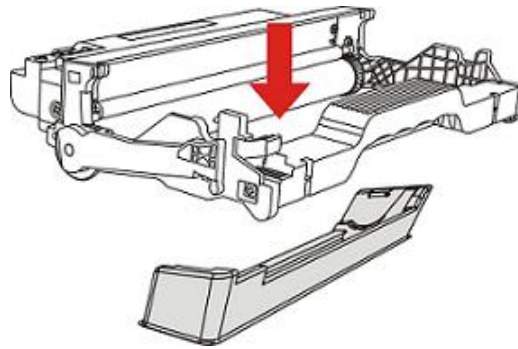
2. Open the front cover and take the laser toner cartridge out along the track.



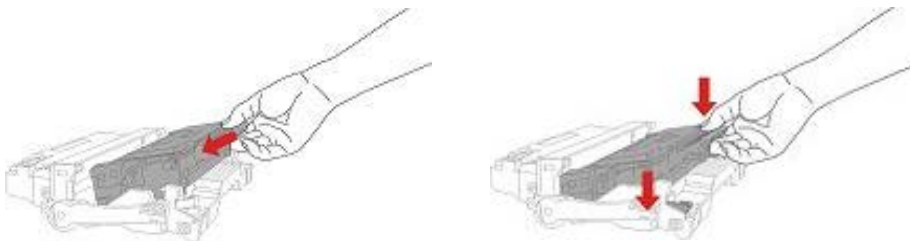
3. Press the blue button on the left side of drum component with left hand and lift the toner cartridge handle with right hand at the same time to take the toner cartridge out.



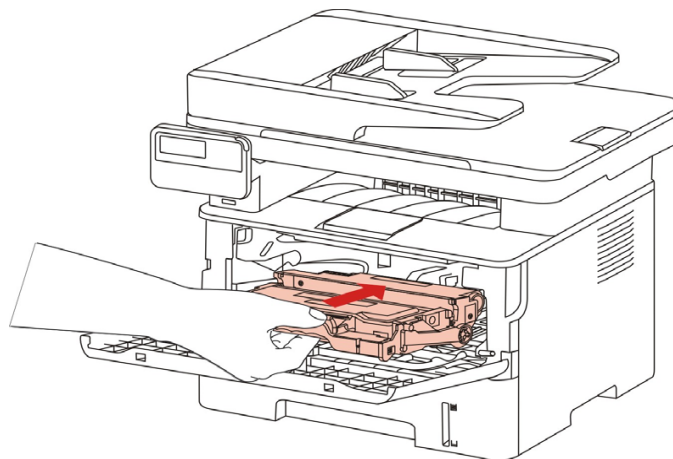
4. Open the package of new drum component, take the protection device of drum component, and put the drum component on a horizontal table.



5. Install the drum component along the inner track to finish installing toner cartridge.



6. Take the drum component with toner cartridge installed and install it inside the printer along the inner track of printer to finish installing.



7. Close the front cover.

12. Troubleshooting

Please read this section carefully. It may help you to solve common problems encountered during the printing process. If the problems persist, please contact Aftersales Service Centre.

Prior to handling common problems, first check that:

- The power cord is connected correctly and the printer is powered on.
- All of the protective parts are removed.
- The toner cartridge is installed correctly.
- The paper is correctly loaded into the tray.
- The interface cable between the printer and the computer is connected correctly.
- The correct printer driver has been selected and installed properly.
- The computer port is properly configured and is connected to the correct printer port.

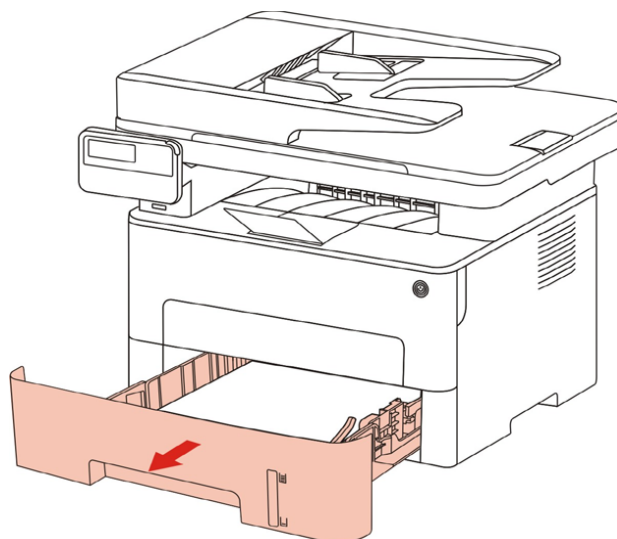
12.1.Cleaning Jammed Paper

12.1.1.Middle jam

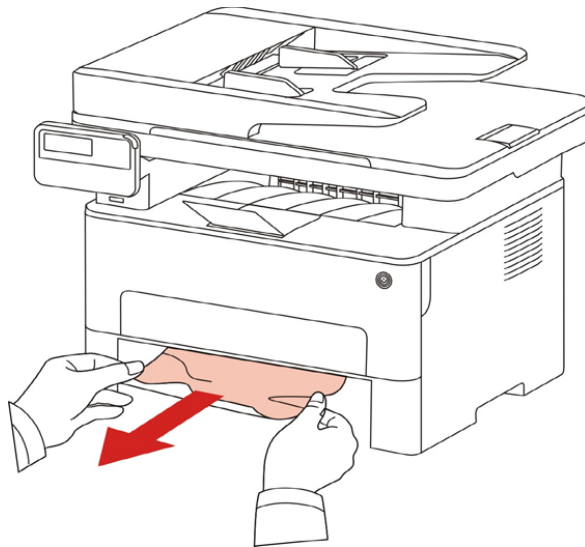


Note: • When removing the paper jam, please don't touch immediately places labled with high temperature warning in contact with internal components after opening the printer's front or rear cover, to prevent burns.

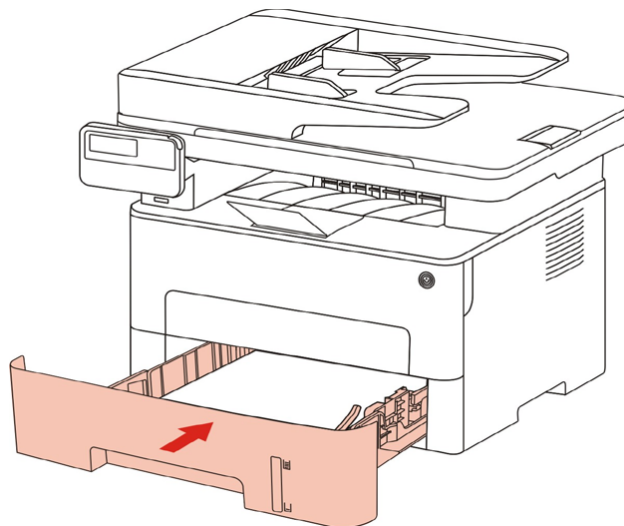
1. Pull paper tray out.



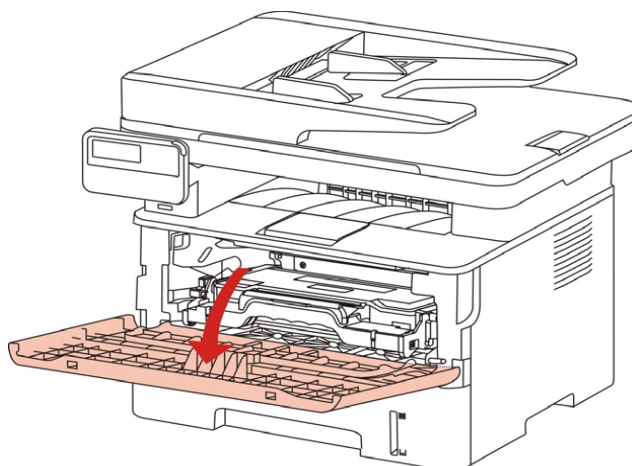
2. Gently pull the jammed paper out.



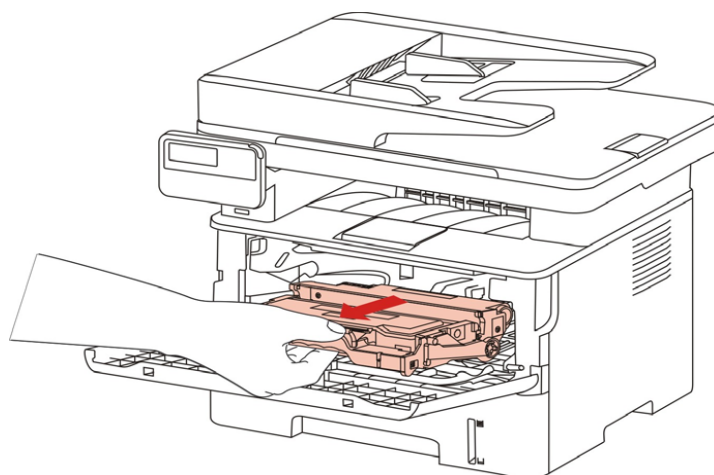
3. Install paper tray.



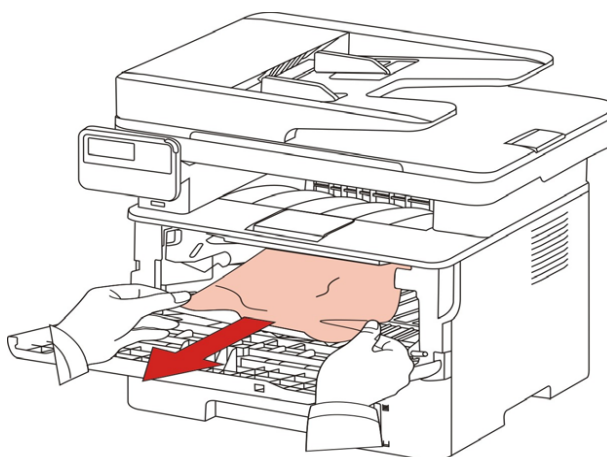
4. Open the front cover.



5. Take the laser toner cartridge out along the track. (For the purpose of preventing printing quality from affecting by the exposure of photosensitive drum, please put the laser toner cartridge inside the protection bag or wrap it with thick paper).




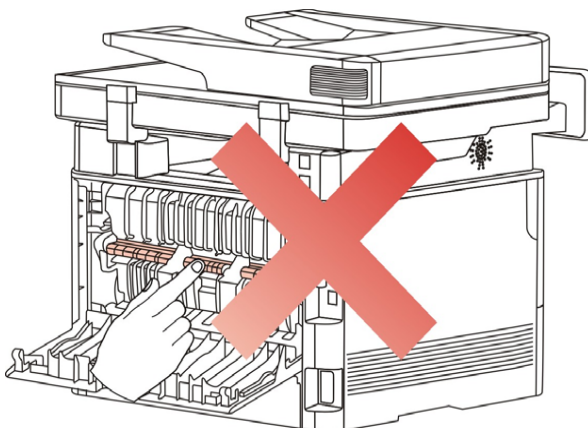
6. Gently pull the jammed paper out.



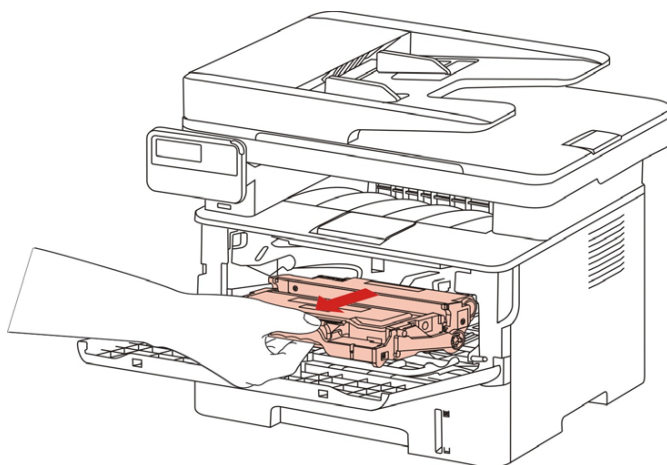
7. After taking out papers jammed, install the laser toner cartridge again and close the front cover, then the printer will recover printing.

12.1.2. Paper Jam in the Fuser Unit

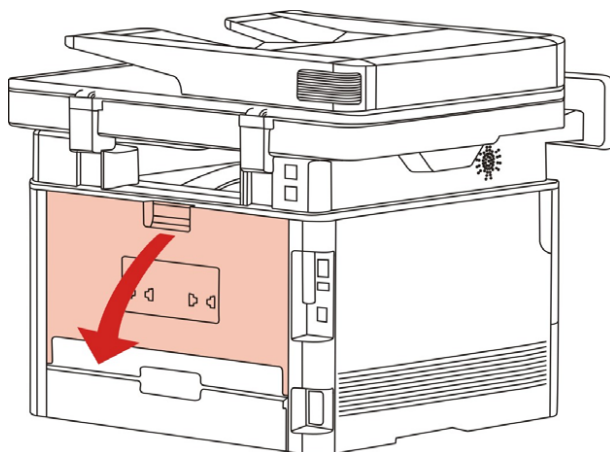
 **Note:** When papers jammed in fuser unit are taken out, please pay attention and do not touch the shaded area shown below in order to avoid burns.



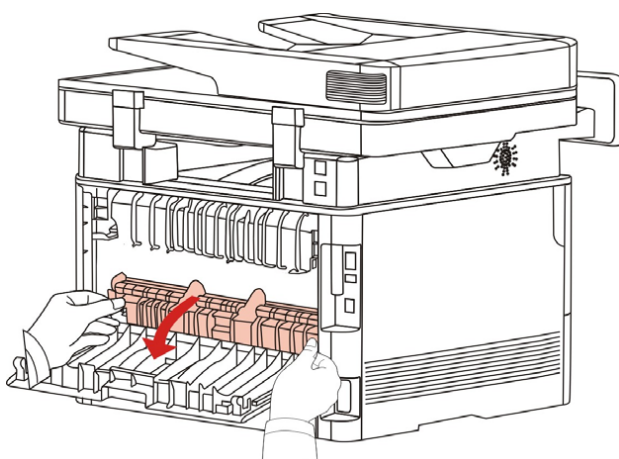
1. Open the front cover and then remove the laser toner cartridge along the guide rail.



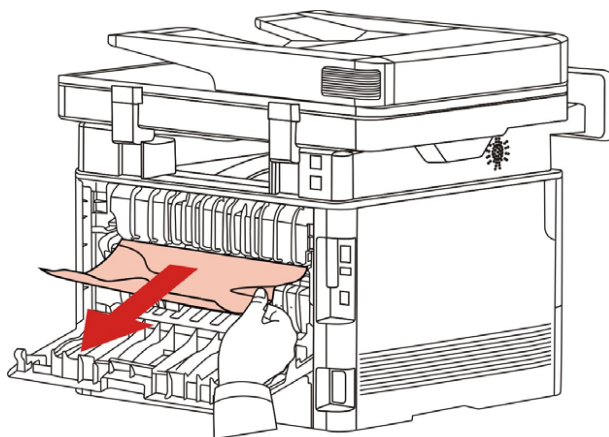
2. Open the rear cover.



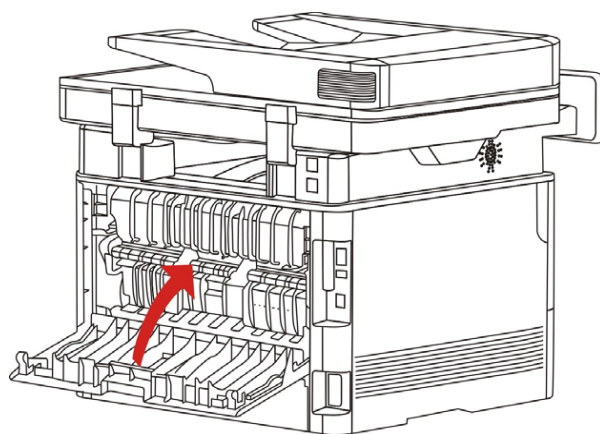
3. Open the fuser door using the handles on both sides.



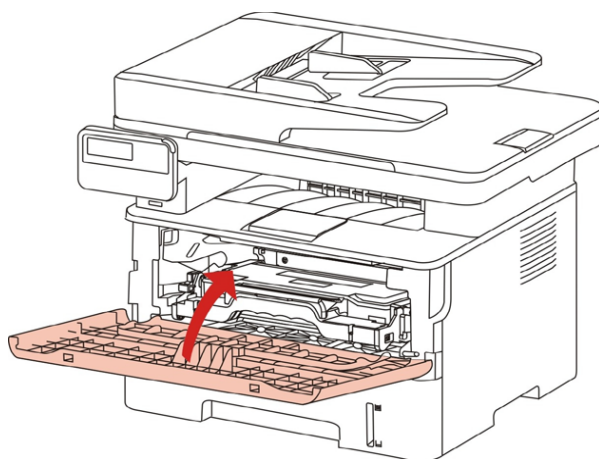
4. Gently pull the jammed paper out.



5. Close the back cover after removing the paper jammed.

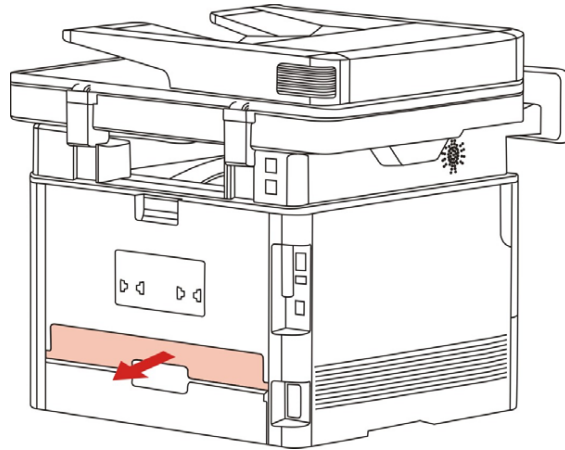


6. Install a new toner cartridge and then close the front cover; then, the printer will recover printing automatically.

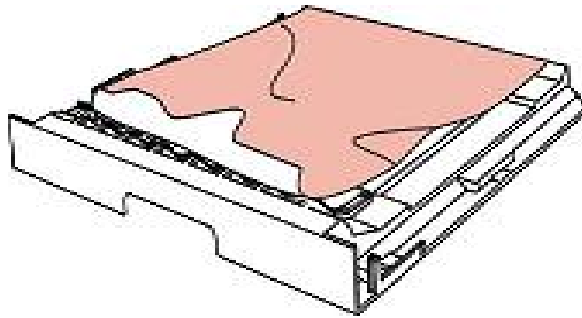


12.1.3.Duplex Unit Jam

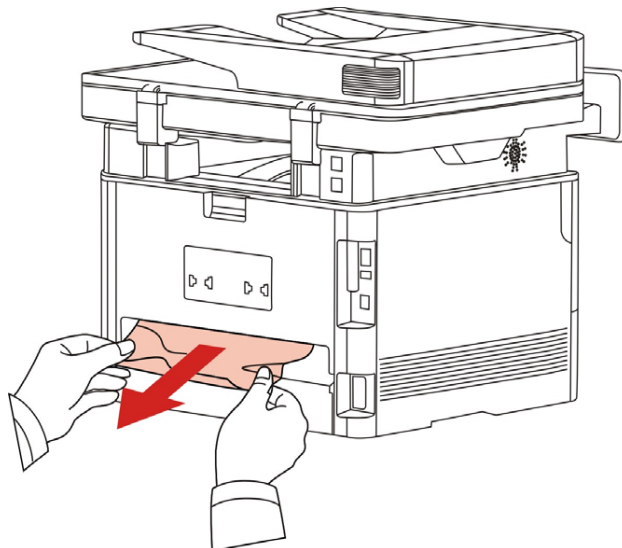
1. Remove the duplex printing unit from the back of the printer.




2. Remove the jammed paper from the duplex unit.



3. If the paper does not come out along with the duplex unit, open the tray and remove the jammed paper directly from the bottom.



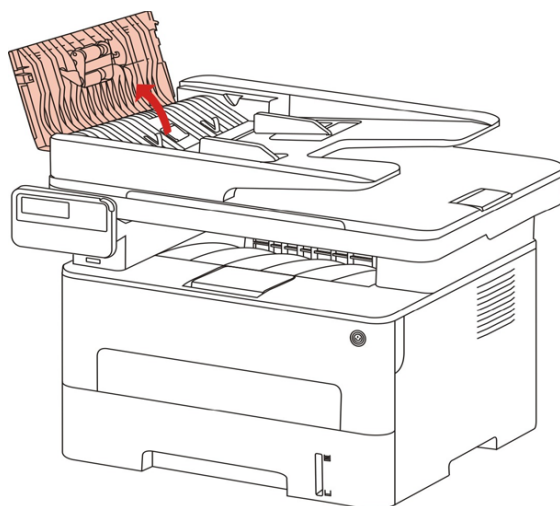
4. After taking papers jammed out, install the duplex unit back and inspect other parts to the product. If it can be ensured that there are no jammed papers, open and close the front cover and then the printer will recover printing automatically.

 **Note:** After all papers jammed are taken out according to the above steps, close the front cover and tidy the papers in paper tray, then the printer will recover to print automatically.

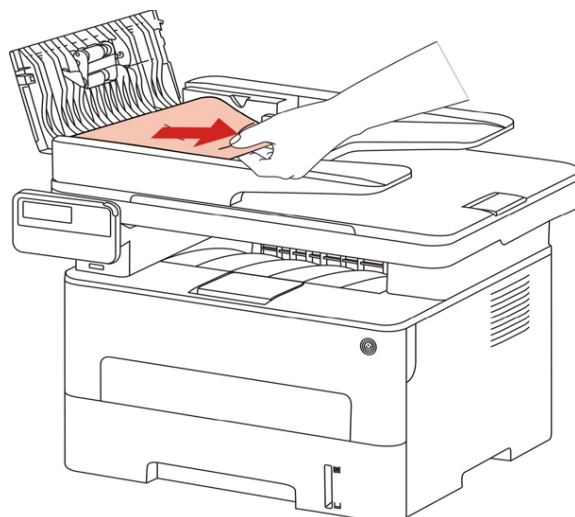
- If the printer still does not start printing, please check that all the jammed paper inside the printer has been cleared.
 - If you cannot remove the jammed paper yourself, please contact your local authorized repair center or send the printer to the nearest authorized service center for repair.
 - Printer appearance may differ because of various models and functions, so the schematic diagram is only for your reference.
-

12.1.4. A paper jam occurs on the automatic document feeder (ADF)

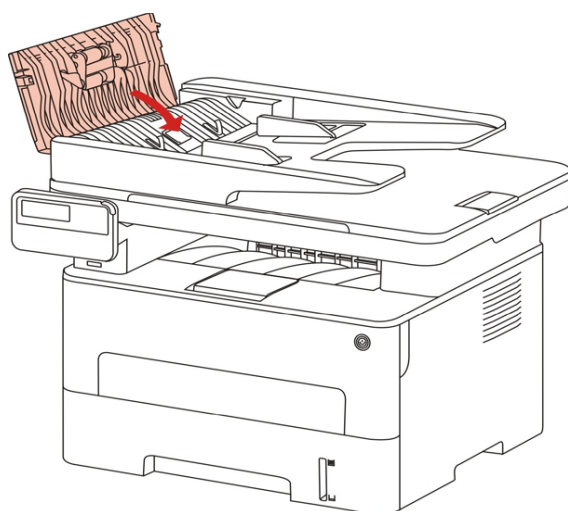
1. Open the ADF's top cover.



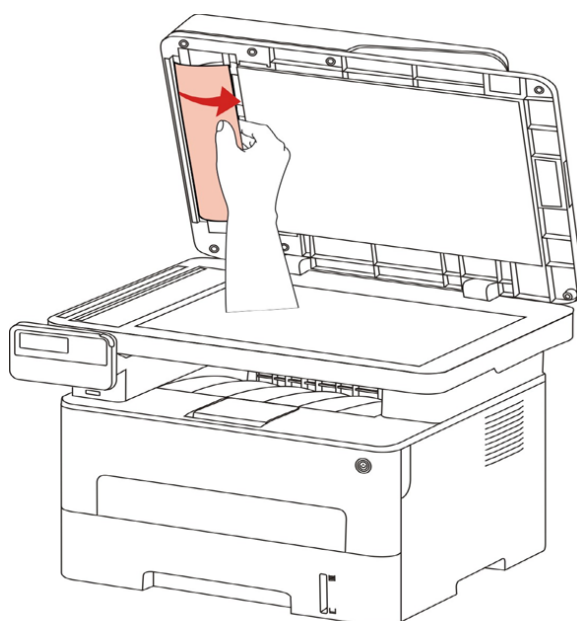
2. Remove the paper jammed from the ADF.



3. After removing the paper jammed, close the top cover and then the printer will be back to the ready state.



4. If it is difficult to remove the paper jammed, please try to open the scanner cover and remove it from the pressing block.



12.2. Software Failure

Problem	Solution
The printer icon will not be displayed in the “Devices and Printers” folder.	Reinstall the printer driver. Ensure that the USB interface cable and the
The printer is in Ready mode but it will not perform any print job.	If the failure still exists after restarting the Make sure the network cable of USB cable is connected correctly.
Failed to install the driver	Check whether the print spooler service is enabled. Check the power supply and the connection of the printer.
The driver cannot be used if the IP address of the printer has been changed	Modify the port IP address of the printer driver. If the above method does not work, please reinstall the printer driver. It is recommended that a fixed IP address should be set to the network printer. In the DHCP network, it is recommended to bind the IP address with the MAC address of the printer.

12.3. Error Message

Error Message	Cause	Measure
No Laser Toner Cartridge Detected	The laser toner cartridge is installed incorrectly or laser toner cartridge is damaged.	The laser toner cartridge is installed correctly or new laser toner cartridge is replaced.
Toner Low (this prompt is displayed together with the standby picture alternately.)	The toner in cartridge runs low.	Please replace with a new toner cartridge.
As the toner is low, it is not available to accept the printing job (this prompt is displayed together with the standby picture alternately.)	If the toner in cartridge runs low.	Please replace with a new toner cartridge.
Toner cartridge life expired.	The toner in cartridge runs out.	Please replace with a new toner cartridge.
Feed jam	The print paper is loaded incorrectly. The paper is outside of the specification range.	Please correctly load the print paper.

Printer paper jam	The print paper is loaded incorrectly.	Please correctly load the print paper.
Scanner is Busy	With other scan jobs.	Please cancel the current scan job or wait for the completion of other scan jobs.
Scan failed	Scanner internal failure.	Please contact Customer Service.
No paper in ADF	If you have selected ADF as the scan source, this message appears when you start a copy or scan job without loading paper in the ADF.	Please put in the original properly.
Paper jam occurred on ADF	This prompt appears when there is a feed jam or feed failure in copying or scanning with the ADF.	Please remove the paper jam, arrange well and put originals into the ADF for scanning again.



Note: • If the problem remains, please contact Customer Service.

12.4. Common Troubleshooting

12.4.1.Common Trouble

Trouble Type	Fault phenomenon	Cause	Solution
Problems in printing	Poor print quality	See 12.4.2 Image Defects.	See 12.4.2 Image Defects.
Problems in copying	Failed to copy	The scanner is damaged.	Please contact Customer Service.
	Copy Image Abnormal	<ul style="list-style-type: none"> • The scanner is dirty or defective. • The toner cartridge is dirty or damaged. 	<ul style="list-style-type: none"> • Clean the scanner. • It is suggested to replace the original toner cartridge.

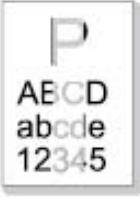



Problems with the Printer	The printer does not work	<ul style="list-style-type: none"> • Power cord of the device is not properly connected. <p>The cable between the computer and the printer is not connected properly.</p> <p>Error in specifying the print port.</p> <p>The printer is offline and User Guide of Printer is checked.</p> <p>The printer has not recovered from an internal error, such as a paper jam, paper empty, etc.</p> <ul style="list-style-type: none"> • Driver program of printer is not installed correctly. • The LCD screen prompts error messages. 	<ul style="list-style-type: none"> • Ensure proper connection of the power cord. • Please disconnect the printer cable and then connect it again. • Please check printer settings of the Windows to make sure the printing job could be sent to the correct port. If the computer is equipped with several ports, please be sure to connect the printer to the correct port. • Please make sure the printer is online without any abnormality. • Please remove errors to make the printer return to normal. • Please uninstall and then reinstall the printer driver.
	Online printing does not work	<p>The cable between the computer and the printer is not connected properly.</p> <p>Driver program of printer is not installed correctly.</p> <ul style="list-style-type: none"> • Printer internal failure. 	<ul style="list-style-type: none"> • Please disconnect the printer cable and then connect it again. • Please uninstall and then reinstall the printer driver.
Problems in scanning	Scanning error	<ul style="list-style-type: none"> • Data cable of the device is not properly connected. • The scan driver is installed incorrectly. • The LCD screen prompts error messages. 	<ul style="list-style-type: none"> • Ensure proper connection of the data cable. • Reinstall the scan driver.

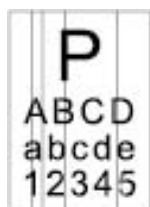
Problems with Paper Handling	Paper feed failure	<ul style="list-style-type: none"> • The printer paper isn't put properly. • The print media is beyond the usage specification range. • The pickup roller is dirty. <p>Too many papers in paper tray.</p>	<p>Please install printing medium correctly; please print with manual feed tray if special printing medium is used to print.</p> <ul style="list-style-type: none"> • Please use the print media within the specification range. • Please clean the pickup roller. <p>Take the excessive papers out from paper tray; please print with manual feed tray if special printing medium is used to print.</p>
	Paper Jam	<p>Too many papers in paper tray.</p> <ul style="list-style-type: none"> • The print media is beyond the usage specification range. • There is foreign matter in the feed channel. • The pickup roller is dirty. • Internal parts failure. 	<p>Take the excessive papers out from paper tray; please print with manual feed tray if special printing medium is used to print.</p> <p>Take the excessive papers out from paper tray; please print with manual feed tray if special printing medium is used to print.</p> <ul style="list-style-type: none"> • Clean the paper path. • Please clean the pickup roller.
	Print multipage feed	<ul style="list-style-type: none"> • Excessive static electricity on the print media. • The print media is damp or sticks together. • Internal parts failure. 	<ul style="list-style-type: none"> • Re-separate the print media to eliminate some static electricity. It is suggested that you use the recommended print media. <p>Separate the print media or use better quality and dry print media..</p>



Note: • If the trouble still can not be shooted after the above operations, please contact Customer Service.

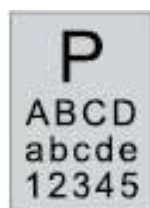
12.4.2. Image Defects

Problem	Cause	Solution
 <p>The printout is whitish or light</p>	<ul style="list-style-type: none"> • The print media does not meet the usage specifications, for example the media is damp or too rough. • The resolution in the print program is set too low, concentration setting is too low, or toner saving mode is ticked. • Toner cartridge is damaged. • Toner is low. 	<ul style="list-style-type: none"> • Please use proper print media within the specification range. • Set the resolution and concentration setting of program, or cancel ticking the save toner mode. • It is suggested to replace the original toner cartridge.
 <p>Toner spots</p>	<ul style="list-style-type: none"> • Dirty toner cartridge or toner leakage. • Toner cartridge is damaged. • The print media that does not meet usage specification is used. For example, the media is damp or too rough. • The paper path is dirty. • If toner spots appear when copying and scanning, the platen glass may be dirty. • The scanner is dirty or damaged. 	<ul style="list-style-type: none"> • It is suggested to replace the original toner cartridge. • Please use the print media within the specification range. • Clean the paper path. • Clean the platen glass.
 <p>White spots</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification is used. For example, the media is damp or too rough. • The paper path is dirty. • Inner damage of toner cartridge. • The reflective glass of the laser inside the printer is dirty. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. • Clean the paper path. • It is suggested to replace the original toner cartridge. • Please clean the LSU lens.
 <p>Toner comes off</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification is used. For example, the media is damp or too rough. • The printing paper medium set and paper medium placed are not consistent. • The inside of the printer is dirty. • Toner cartridge is damaged. • The parts inside the printer are damaged. 	<ul style="list-style-type: none"> • Please use printing medium within the specification scope, and use manual feed tray for printing in case of special medium. • Please print with corresponding paper medium. • Clean the inside of the printer. • It is suggested to replace the original toner cartridge.



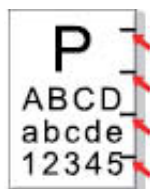
Black vertical stripes

- Dirty toner cartridge.
- Damaged inner parts of toner cartridge.
- The reflective glass of the laser inside the printer is dirty.
- The paper path is dirty.
- If black vertical stripes appear when copying or scanning, the scanner or the platen glass may be dirty.
- Scanner Light bulb has smudges.
- The scanner is damaged.
- Clean or replace toner cartridge
- Clean the mirror of the laser at the back of the printer.
- Clean the feed path of printer.
- Clean the scanner or the platen glass.



Black background (gray background)

- The print media that does not meet usage specification is used. For example, the media is damp or too rough.
- Dirty toner cartridge
- Damaged inner parts of toner cartridge.
- The paper path is dirty.
- The transfer voltage inside the printer is abnormal.
- Scanning exposure.
- If black background or gray background appears when copying and scanning, the platen glass may be dirty.
- Please use the print media within the specification range.
- Clean or replace toner cartridge
- Clean the paper path inside the printer.
- Please close the cover on the manuscript, and then carry out copying and scanning.
- Clean the platen glass.



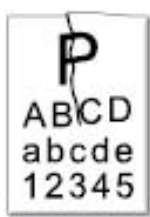
Cyclical traces appear

- Dirty toner cartridge.
- Damaged inner parts of toner cartridge.
- The fuser component is damaged.
- Clean or replace toner cartridge
- Please contact customer services center to replace to a new fuser assembly.



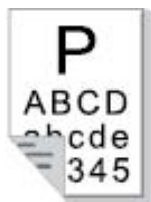
Skewed pages

- The printer paper isn't put properly.
- The feed channel of the printer is dirty.
- Make sure the print paper is placed correctly.
- Clean the paper path inside the printer.



Wrinkled paper

- The printer paper isn't put properly.
- The print media does not meet the usage specification.
- The feed channel of the printer is dirty.
- The fuser component is damaged.
- Make sure the print paper is placed correctly.
- Please use print media within the specification range.
- Clean the paper path inside the printer.
- Please contact customer services center to replace to a new fuser assembly.



The back of the printout is dirty

- Dirty toner cartridge
- The transfer roller inside the printer is dirty.
- The transfer voltage inside the printer is abnormal.

- Clean or replace toner cartridge
- Clean the internal transfer part of the printer.



Whole page dark

- Toner cartridge is improperly installed.
- Inner damage of toner cartridge.
- Abnormal internal charging of machine or the toner cartridge is not charged.
- If all-black image appear when copying and scanning, maybe it is scanning exposure, and the cover on the manuscript is not properly closed.
- The scanner is damaged.

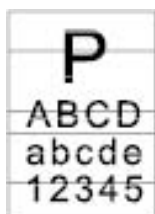
- Install ink cartridge correctly.
- It is suggested to replace the original toner cartridge.
- Please close the cover on the manuscript, and then carry out copying and scanning.



The toner does not adhere to the paper

- The print media that does not meet usage specification is used. For example, the media is damp or too rough.
- The inside of the printer is dirty.
- Toner cartridge is damaged.
- The parts inside the printer are damaged.

- Please use printing medium within the specification scope, and use manual feed tray for printing in case of special medium.
- Clean the inside of the printer.
- It is suggested to replace the original toner cartridge.



Horizontal stripes

- The toner cartridge is not installed correctly.
- The toner cartridge may be damaged.
- The parts inside the printer are damaged.

- Install ink cartridge correctly.
- It is suggested to replace the original toner cartridge.



Note: • Failures above can be improved by cleaning or replacing toner cartridge. Please contact customer services center if the problem can still not be solved.

13. Menu Structure

With the help of menu structure of this printer on the panel menu, you may know and set various functions. The steps of printing are as follows:

- 1) Press "Menu" to enter the menu setting interface.
- 2) Press "▲" or "▼" to select "Information Report".
- 3) Press "OK" and then "▲" or "▼" to select "Print Menu Structure".
- 4) Press "OK" to print.

14. Product Specifications



Note: • These values are based on the initial data. For more information about the latest specifications, please visit: www.infocus-china.com.

14.1.Overview of the Specifications

Product Size(W*D*H)	415mmx 365mm x 350mm
Product weight	11.29kg
Print Environment	Print temperature range:10-32 (5-35)℃
	Print humidity range:20%RH~80%RH
Power Voltage	220V Model: AC220~240V, 50Hz/60Hz,4.5A
Noise (acoustic pressure level)	Print/scan: ≤52dB(A)
	Standby: ≤30dB(A)
	Copy: ≤54 dB (A)
Enter network standby time	5 minutes
Power Consumption	Print:Average: <550W
	Ready: <50W
	Sleep:<2W

Operating System	Microsoft Windows XP/ Windows Vista/ Windows 7/ Windows 8/ Windows 8.1/ Windows 10/ Windows Server 2003/ Windows Server 2008/ Windows Server 2012 (32/64 Bit)
	Mac OS 10.7/10.8/10.9/10.10/10.11/10.12/10.13
	Linux : Ubuntu 12.04/ Ubuntu 14.04 (32/64Bit)
	Android 4.4-7.0
Communication interface	Hi-speed USB 2.0
	IEEE 802.3 10/100Base-Tx

14.2.Print Specifications

Print Speed	Please see Chapter 1.1 .
Print Time of First Page	≤8.2sec
Print Language	Please see Chapter 1.1 .

14.3.Copy Specifications

Copy Speed	30cpm(A4)/33cpm(Letter)
FCOT	Flatbed <10 seconds ADF <12 seconds
Maximum Pages for Successive Print	1-99 pages
Zoom Ratio	25%~400%
Other Copy Functions	ID copy, Receipt copy, N-up copy, Clone copy,Manual duplex copying"

14.4.Scan Specifications

Scan Type	Flatbed+ADF
Maximum Scan Size	Flatbed: 216×297mm ADF: 216×356 mm
Chromoscan	Yes
Scan Output Function	Scan to E-mail, PC, FTP and USB

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