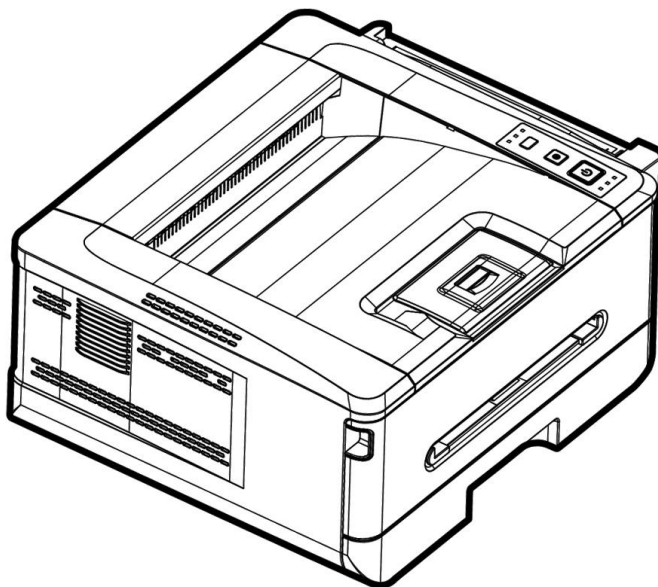# A4 MFP

User's Guide

Avision Inc.

Copyrights and Trademarks

Ethernet is a registered trademark of Xerox Corporation.

Windows 7, 8, 9, 10, 11 are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Other product names used herein are for identification purposes only and may be trademarks of their respective companies. We disclaim any and all rights to those marks.

Warranty

The information contained in this document(s) is subject to change without notice.

The manufacturer makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of fitness for a particular purpose.

The manufacturer shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

$$C \, \epsilon$$

European Union Regulatory Notice

Products bearing the CE marking comply with the following EU Directives:
- Low Voltage Directive 2014/35/EC
- EMC Directive 2014/30/EC
- Restriction of the use of certain hazardous substances (RoHS) Directive 2011/65/EU
- RED (Radio Equipment Directive) (2014/53/EC)

This product satisfies the Class B limits of EN55032, EN55035, and safety requirements of EN62368-1.

*This machine is certified as Class 1 LED product.

When this MFP has no operation for an extended period of time

⚠	**Note: If the MFP is idle for a period of time (for example, overnight), turn off the MFP with the power switch. If the MFP is idle for a longer period of time (such as holidays), unplug the power cord from the electrical outlet to prevent danger.**

Take care to remove the paper from the paper tray and store it in the wrapper to prevent the paper from getting wet.

Federal Communications Commission (FCC) compliance information statement
Part 15

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 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.

This device complies with Part 15 of the FCC Rules. 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.

Safety Information

When using this equipment, the following safety precautions should always be followed.

Safety During Operation

In this manual, the following important symbols are used:

WARNING:
Indicates potentially hazardous situations, which if instructions are not followed, could result in death or serious injury.

CAUTION:
Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

Important:
Indicates operational requirements and restrictions.   Please read and follow these instructions to ensure a proper operation and to avoid damage to the machine.

Note:
Indicates further explanation or clarification.   Reading this is highly recommended.

The following symbols indicate that the related section includes safety warnings. Specific points of attention are indicated inside the symbol.

 [General warning]

 [Warning of high temperature]

 [Warning of danger of electrical shock]

The following symbols indicate that the related section includes information on prohibited actions. Specifics of the prohibited action are indicated inside the symbol.

 [Warning of prohibited action]

 [Disassembly prohibited]

The following symbols indicate that the related section includes information on actions which must be performed. Specifics of the required action are indicated inside the symbol.

[Alert of required action]

[Remove the power plug from the outlet]

Installation and the Operating Environment

⚠️ **Warning**

Do not install the equipment near direct sun light, heating or air conditioning units. Direct sunlight or high temperature may damage the machine.

Do not install the equipment in a humid or dusty place. If dust or dust adheres to the power plug, clean the plug to avoid fire or electric shock.

Keep the vent hole on the back of the MFP at least 10 cm away from the wall to avoid overheating and fire.

Do not place or store the device:
- Outdoors
- Near excessive dirt or dust, water, or heat sources
- In locations subject to shocks, vibrations, high temperature or humidity, direct sunlight, strong light sources, or rapid changes in temperature or humidity

Place the equipment securely on an even, flat surface. Tilted or uneven surfaces may cause mechanical or paper-feeding problems.

Do not locate the device on rackety or aslope tables. Do not locate the device on unstable surface. The device may fall down and this may result in injury.

Place the device close enough to the computer so that the interface cable can easily reach between the device and the computer.

Do not place a coffee cup, vase, or other liquid-filled container on the machine. Spillage can damage the machine's electrical parts and insulation.

Make good use of the recycled paper while printing.

⚠ **Caution**

Place the device in an independent, well-ventilated area.

Place the device in a place with good environmental conditions. Operating the machine beyond the recommended temperature and humidity may cause an electrical fire.

Do not place heavy objects on the unit. It may cause unbalance and the device may fall down. This may result in injury.

Do not place the device in any position that may obstruct the output of the unit, as it may cause paper jams.

Safety Information During Operpation

⚠ **Warning**

To prevent fires, do not use flammable sprays near the machine.

Never attempt to open any fixed cover. Otherwise there is danger of electric shock, fire and laser beam and may cause blindness.

Never disassemble, modify, or attempt to repair the device or device option by yourself, except as specifically explained in the device's documentation. This could cause fire, electrical shock, or injury.

Do not attempt to alter the machine or its parts. Avoid contact with the internal high voltage part or the laser light beam, it may cause electric shock or blindness.

If this product becomes inordinately hot or emits smoke, or unusual odor or noise, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.

Take care not to drop paper clips, staples, or any other metal objects into the machine.

The inside of this product has areas subject to high temperature, which may cause burns. When checking the inside of the unit for malfunctions such as paper mis-feed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution! Hot Surface" caution label.

Under normal conditions the small quantities of ozone gas produced by the machine are harmless. However, if the machine is used for an extended period or within a small room, you should make sure that the area is adequately ventilated. Also ventilate the room if you notice the machine smells after a period of frequent or extended use.

Do not attempt to remove the covers and panels which have been fixed to the product. Some products have a high-voltage part or a LSU beam source inside that could cause an electrical shock or blindness.

Do not modify this product, as a fire, electrical shock, or breakdown could result. If the product employs a LSU printhead, the LSU beam source could cause blindness.

If this product has been dropped or its cover damaged, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.

Take appropriate emergency measures when the following conditions occur
- When toner gets into your eyes, wash it off with water until your eyes are not painful. If the situation is serious, ask a doctor for treatment.
- When the toner gets on your skin, wash it off with soap and rinse it off.
- When you are in the toner inlet, leave the dust location immediately and rinse with plenty of water.
- When the toner is in the abdomen, spit it out and consult a doctor.

Do not use the device with wet hands.

Unplug the device and the USB cable, and refer servicing to qualified service personnel under the following conditions:

- Liquid has entered the device.
- Object has entered the device.
- The device has been dropped, or the case has been damaged.
- The device does not operate normally (i.e. appearance of smoke, strange smell, odd noise, etc.), or exhibits a distinct change in performance.。

⚠ Caution

When there is paper jam inside the machine, be sure to remove it thoroughly. The remaining paper in the machine may cause a fire. When the paper is attached to an invisible or difficult-to-see area, do not remove it by force to avoid injury and contact the service personnel or dealer for help.

The temperature inside of the machine may be very hot. When the paper jam is released, note any warning labels and do not touch it to avoid burns. It is recommended to clear the jam after the machine has cooled down.

When clearing paper jams, refer to the instructions in this manual.

When using a large number of copies of the machine for a long time, keep the indoor air flow. Otherwise you may feel a headache.

Unplug the device's power cord and USB cable before cleaning.

About the Consumables

⚠ **Warning**

Do not unpack the consumables and store the machine's consumables in any of these locations:

- Outdoors
- Near excessive dirt or dust, water, or heat sources
- In locations subject to shocks, vibrations, high temperature or humidity, direct sunlight, strong light sources, or rapid changes in temperature or humidity

Do not throw the toner cartridge into the fire. After the toner remaining in the crucible comes into contact with the fire, the powder may explode and cause personal injury.

⚠ **Caution**

Do not discard the discarded toner cartridges. Please put the used waste toner cartridges in the supplied plastic bags and return them to the dealer or service personnel. (For the customer service locations around the company, please refer to our website.). The latter will recycle the used toner cartridge in accordance with relevant regulations.

The used consumables must be disposed of properly and in accordance with local environmental regulations, or disposed of by the company's designated dealer.

Safety Information When using power cord and the USB cable

⚠ **Warning**

Plug the power cord securely into the outlet. Do not touch the pins of the power cord plug with any metal objects as they may touch dangerous voltage points or short circuit. This can cause fire, electric shock or injury. Failure to do so may result in a fire or electric shock.

Before disconnecting the plug, turn the machine off. Make sure your hands are dry. Hold the plug itself, not its cord, when disconnecting it from the receptacle.

Do not share the power with other high-powered devices, as this may result in fire or electric shock.

Do not use extension cords as this may result in fire or electric shock.

Always use the correct AC power source. For future transportation and handling, please keep all packaging materials for this product.

Use only the USB cable that came with your device and avoid abrasions, cuts, fraying, crimping, and kinking. Using any other USB cable could cause fire, electrical shock, or injury.

Do not store the cables in the following locations:
- Outdoors
- Near excessive dirt or dust, water, or heat sources
- In locations subject to shocks, vibrations, high temperature or humidity, direct sunlight, strong light sources, or rapid changes in temperature or humidity

Keep the supplied USB cable, etc., in a location that is out of reach of children to avoid the risk of injury.

Please put the packaging materials such as the supplied plastic bags in a place that children cannot obtain or discard them to avoid the risk of suffocation.

⚠ Caution

If you are not using the device for a long time, remove the USB cable from the connector.

This product has a power-saving mode and a standby mode. The zero-energy state can be achieved only when the product is connected without any external input power.

At least every year, please disconnect the power cord from the wall outlet to check whether the power cord is exposed, damaged, cracked, dent, hot, pin deformation or any burnt marks. If these conditions exist, please do not use the power cord again and contact the authorized service personnel or dealer.

Make sure the power cord is plugged into a grounded electrical outlet, otherwise it may cause a fire or electric shock.

Be sure to fully plug the power cord into a wall outlet. Failure to completely insert may cause unstable connections and heat build-up, creating an unsafe condition.

When disconnecting the power cord from the wall outlet, be sure to pull the plug, not the power cord, as this may damage the power cord and cause a fire or electric shock.

To repair the machine, be sure to disconnect the power cord from the wall outlet.

Make sure the power cord is firmly secure and will not trip over.

SAFETY INSTRUCTION

This MFP is a page MFP which is operated by means of a LPH (LED Print Head). There is no possibility of danger from the LPH, provided the MFP is operated according to the instructions in this manual. Since radiation emitted by the laser beam is completely confined within protective housings and external covers, the laser beams cannot escape from the machine during any phase of user operation.

NOM NYCE/CT/0564/14/TS

This document is intended to be used for these models -AXH2030, AXH2030N (Network), and AXH2030NW (Network, Wi-Fi).   The product drawing and screenshots use AXH2030N as examples.

1. Overview

Introduction

Thank you for choosing Avision's state-of-the-art MFP which can be used for printing, and copying. Through the easy-to-use control panel and LED lights, operation becomes simple and easy.

Features

- **Easy Copy:**
  As long as paper is loaded in the side feeder, copy can be made automatically. Simply press the [**2-Sided Copy**] button to make 2-Sided copies or the [**Multiple Copies**] button to make more copies. What is best, the product is able to detect blank page to reduce the amount of paper being used.

- **Main Printing Features**

  ➔ **Print on Both Sides:**
     Print two pages (one on each side) on a single sheet of paper.

  ➔ **Collate**:
     Print multiple copies at one time and sorts the printed pages.

  ➔ **Print Multiple Pages on a Single Sheet:**
     Print two or four pages of the original on a single sheet of paper. A maximum of 16 pages can be printed on a single sheet of paper.

  ➔ **Print Watermark:**
     Print text such as confidential, important content or image in the background.

External View

The Front View
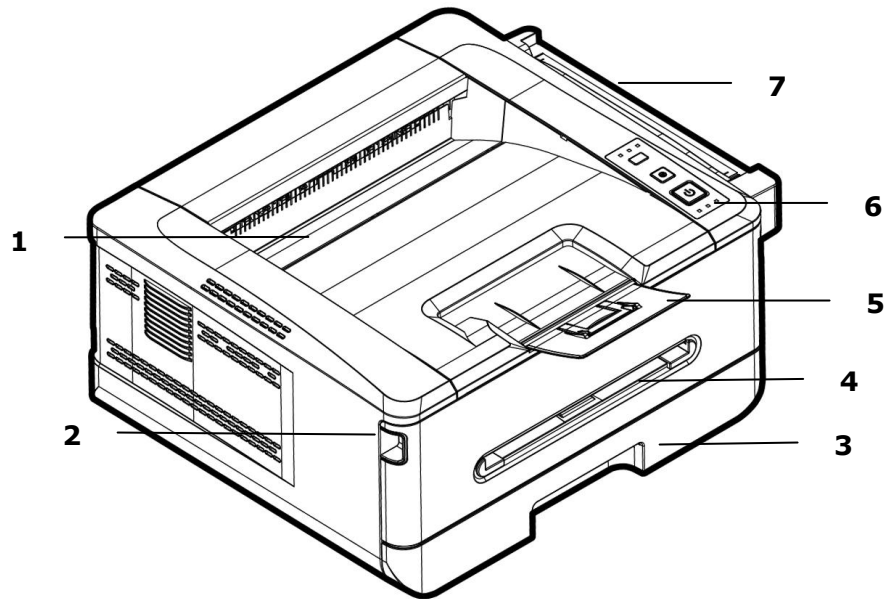
1. Output Tray
2. Handle of the Front Cover
3. Main Paper Tray
4. Front Cover

5. Paper Stopper
6. Control Panel
7. Scan Module

The Rear View
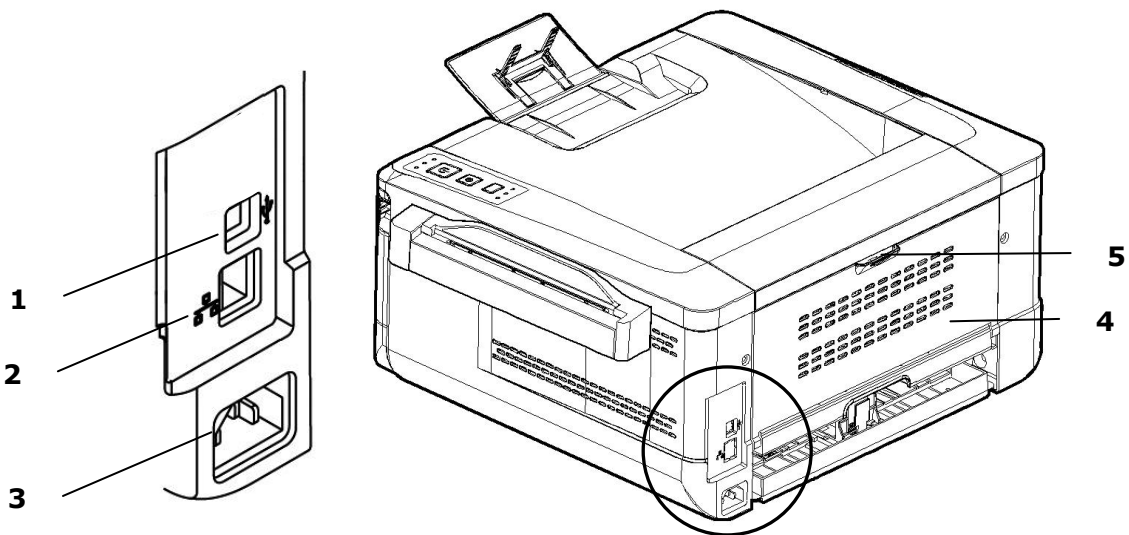
1. USB Port (Type B, to PC)
2. LAN Port
3. Power Receptacle

4. Rear cover
5. Handle of the Rear Cover

Package Contents
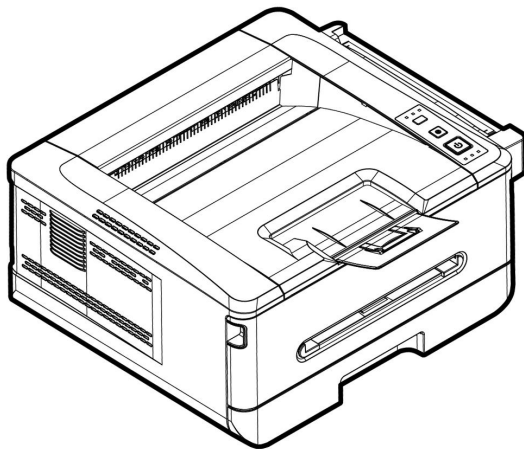
Main unit

Software CD (*MFP Driver, User Manual)
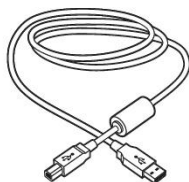
USB Cable
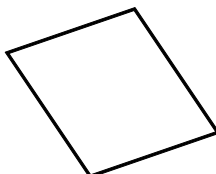
Calibration Sheet
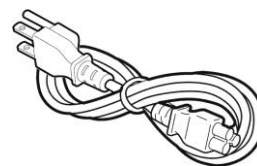
Power Cable
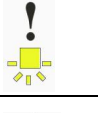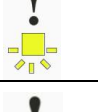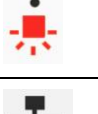
* You may also download the driver and manual at www.avision.com/download.

The Control Panel

Panel A   Panel B   Panel C
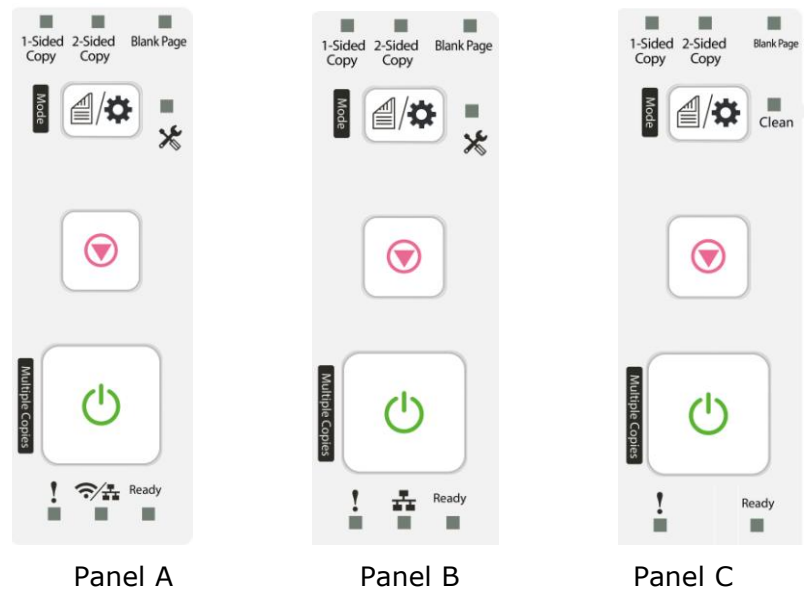
Panel A: For the model comes with a Wi-Fi module.
Panel B: For the model comes without a Wi-Fi module.
Panel C: For the model comes without Ethernet network or Wi-Fi module.

Button Name	Description
Mode Selection	Choose your working mode. Choice: 1-Sided Copy, 2-Sided Copy. The selected mode will be indicated with a green LED light.
Cancel	● Short press to cancel a current operating job. ● Long press for 5 seconds to print a usage report.(only available in ready status)
Power/ Multiple Copies	● Short press to turn on the power. ● Long press for 5 seconds to turn off the power. ● After the first copy is finished, the Status LED will be flashing fast，press [Multiple Copies] button to make another copy. (Timeout: 5 sec.)

LED Light	Description	Status
1-Sided Copy	Green Light	Indicates 1-Sided copy has been selected.
2-Sided Copy	Green Light	Indicates 2-Sided copy has been selected.
2-Sided Copy	Blinking Green	Indicates users need to insert a page with the other side facing outward to the document feeder. (timeout: 10 seconds)
Blank Page	Blinking Green	Indicates a blank page has been detected. Press the Power button to copy or ignore it and the blank page will not be copied.
	Blinking Green	Indicates the machine is in clean mode or calibration mode.
	Yellow Light	Indicates the machine is ready.
	Blinking Yellow	Indicates a selected mode is in progress.
	Rapidly Blinking Yellow	Indicates if more copies is requried (Timeout: 5 secs.)
	Blinking Red	Indicates an error.
	Green Light	Indicates the product has been connected to a wired network.
Ready	Yellow Light	Indicate power has been turned on.
Ready	Blinking Yellow	Indicates the machine is in sleep mode.

Ready ■	Extinguished	Indicate power has been turned off.

| Network LED	Description	Indicated Status
	Solidly lit in white	Ethernet+AP (Access Point)+Station The product is connected to both a wired and wireless network and the wireless network in both the AP mode and station mode.
	Flash in green	Ethernet+AP mode The product is connected to a wired network and a wireless network in an AP mode. The AP is the product itself.
	Solidly lit in green	Ethernet mode. The product is connected to a wired network.
	Solidly lit in blue	Station+AP The product is connected to a wireless network in both the station and AP mode.
	Flash in blue	AP mode. The product is connected to a Wi-Fi network in an AP mode. The AP is the product itself.
	No light	No Wi-Fi or Ethernet connection.

* AP (Access Point): Wi-Fi AP mode means the product itself is the AP (Access Point).
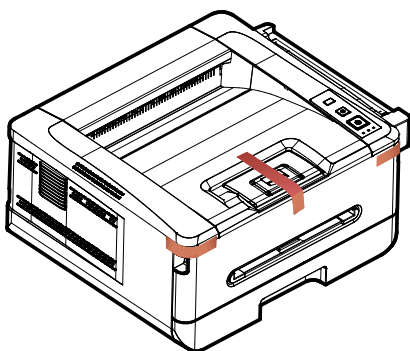
2. Installation

Operation Space

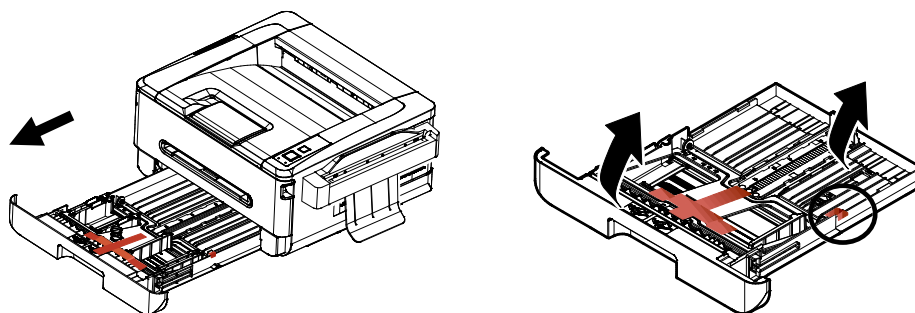Please reserve the following operation space.

Measuring unit: mm
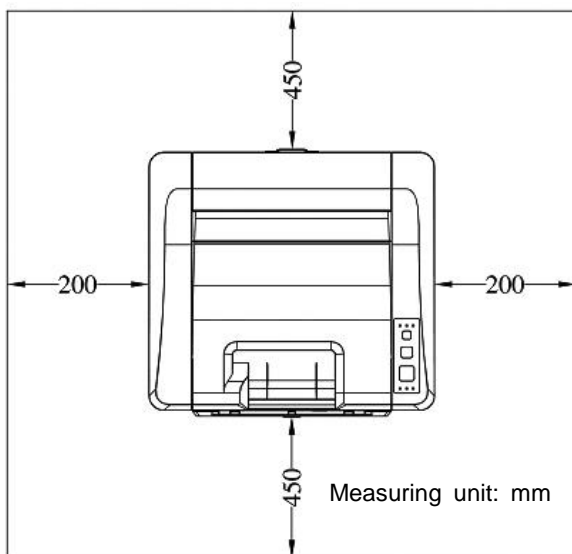
Machine dimension: 404 x 380 x 204 mm (WxDxH)

Removing the Tapes

Remove the packing material and tapes of the product.

Remove the tape and cushion on the paper tray.

# Removing the Tapes, Protective Sheet, and Seal on the Drum and Toner Cartridge Assembly

> ⚠️ **WARNING!**
> - Be careful not to inhale toner.
> - To avoid print quality problems, DO NOT touch the toner rollers.
> - If toner gets on your clothing or other fabric, wipe off the toner with a dry cloth. Wash the items in cold water and dry them in the shade.
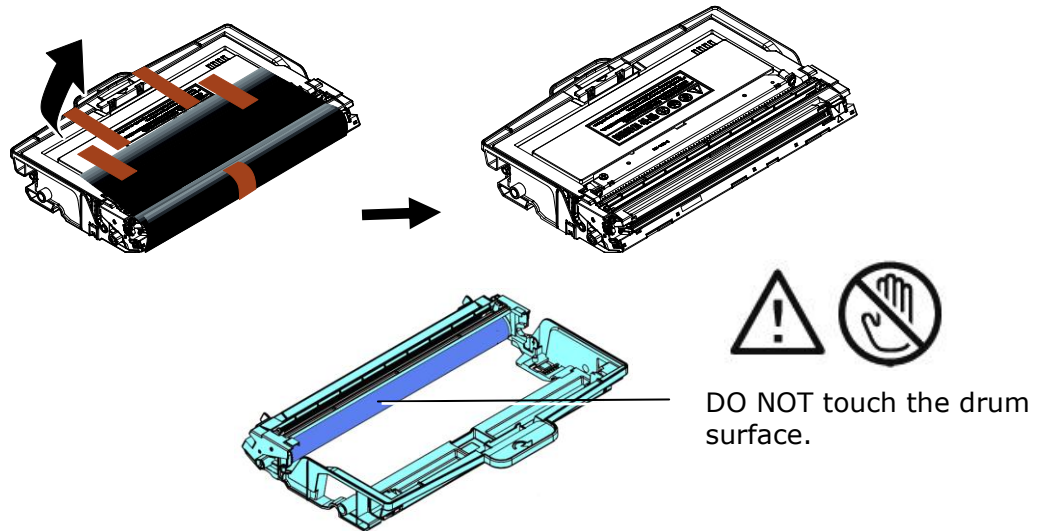> - To prevent the toner cartridge from damage, do not expose it more than several minutes.

1. Open the front door by pulling the handles on both sides as shown.
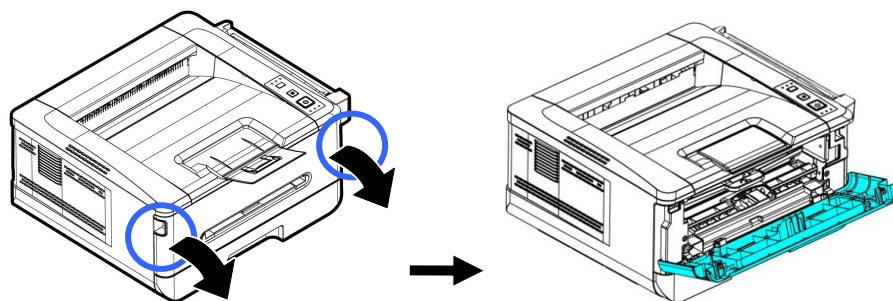
2. Lift the handle of the drum unit up and then pull it out as shown.
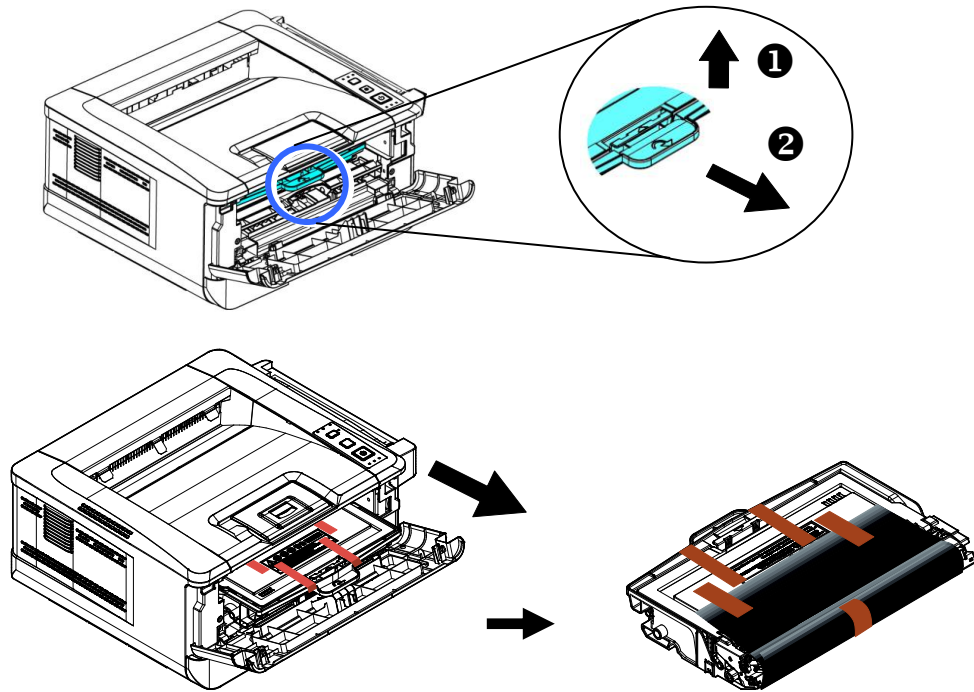
3. Remove all the tapes, protective sheets on the drum and toner cartridge assembly.


DO NOT touch the drum
surface.

|	**Important!**
⚠	● DO NOT touch the drum surface since the fingerprints or other marks may affect the print quality.
	● DO NOT expose the drum unit under light for a few minutes. Install the drum unit as soon as the package is opened.

4. Push the latch in the middle of the toner cartridge forward in the direction of the arrow to separate the toner cartridge from the drum.
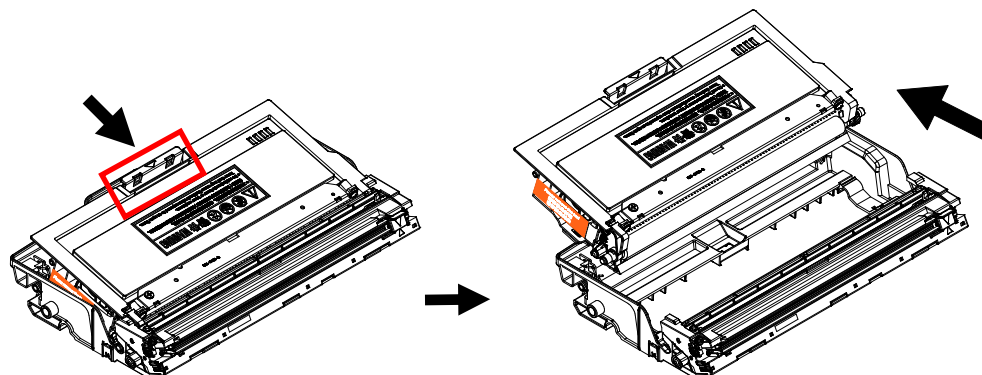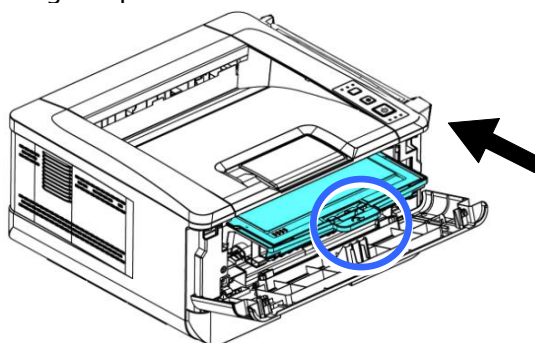
5. Pull out the protective seal of the toner cartridge until it is completely removed.
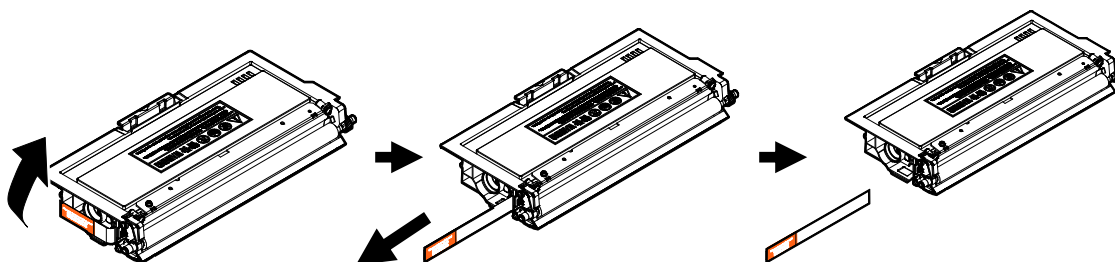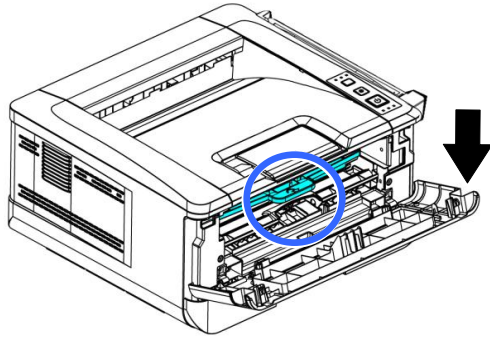
6. Install the toner cartridge to the drum unit until you hear it lock into place.
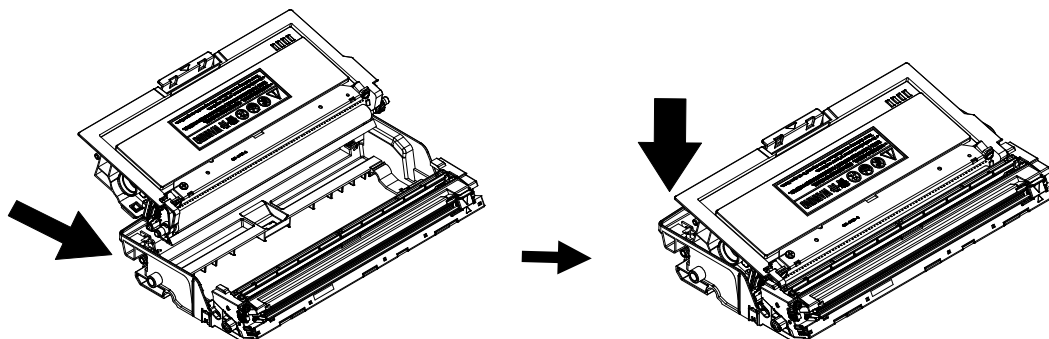
7. Hold the handle of the drum and toner cartridge assembly and insert the assembly to its original place.
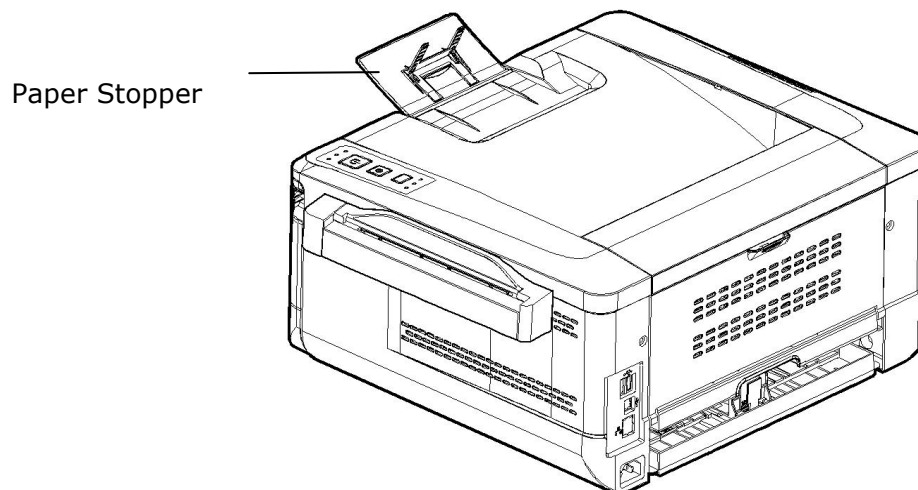
8. Press down the handle of the toner cartridge to fix the toner cartridge.

9. Close the front cover.

Lifting Up the Paper Stopper

Gently lift the paper stopper and its extension to collect the paper.
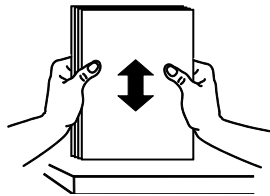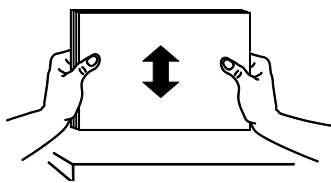
Paper Stopper

Loading Paper into The Main Tray

To insert paper to the main paper tray,

1. Fan your paper first to ensure that the pages do not stick together.
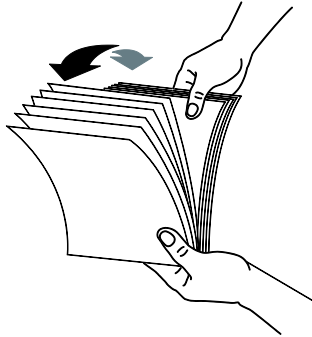
2. Align the edges of the documents by tapping the bottom of the stack against the table top. Rotate the stack 90 degrees and repeat.

3. Lift the handle of the main paper tray and then pull out the main tray.
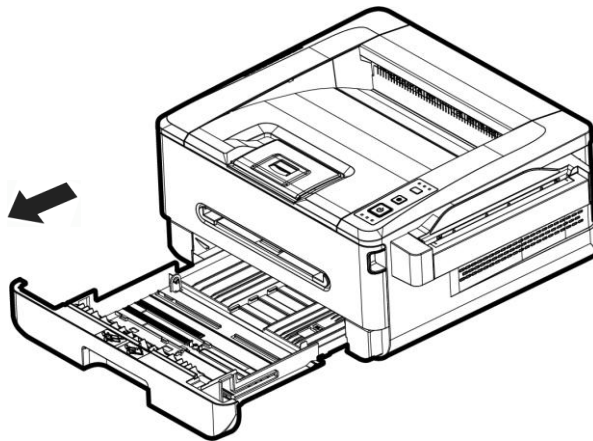
4. Push the width guide tab (①), and move the width guide (②)to the correct position for the paper size being loaded.
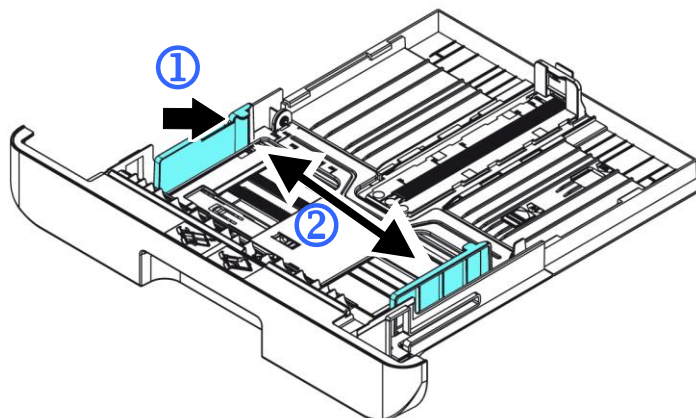
5. Push the length guide (③), and slide the guide (④) to the correct position for the paper size being loaded.
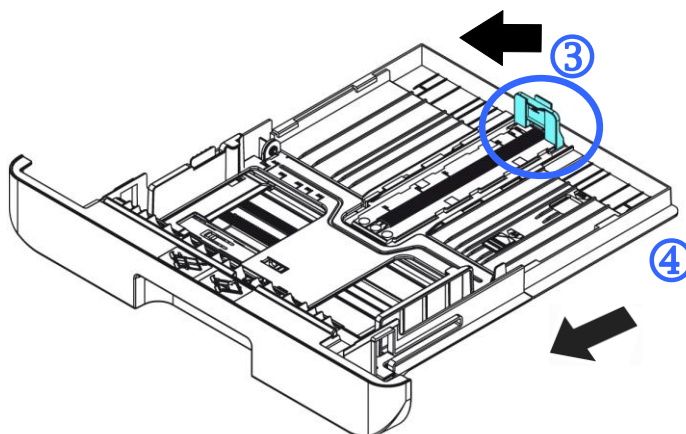
6. If you want to load a sheet of paper larger than the length of A4, press down the first length adjustment latch (⑤), and at the same time slide the manual tray to the right (⑥) until it reaches the paper size you want.
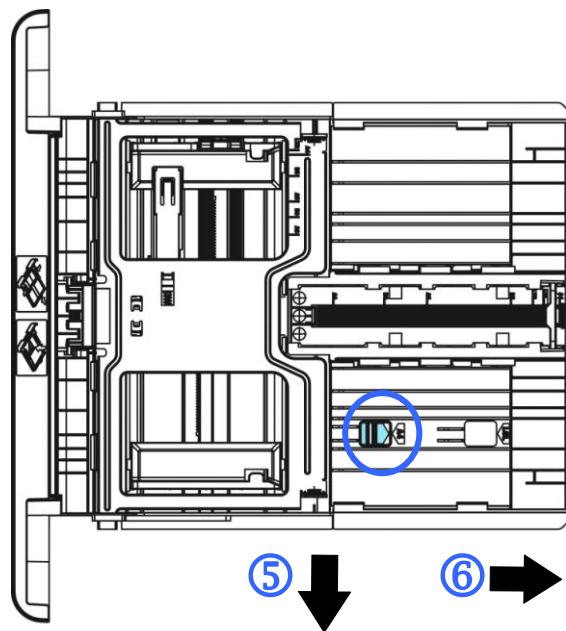
To move the tray back to the original A4 length, press down the second length adjustment latch (⑦), and at the same time slide the manual tray to the left (⑧).
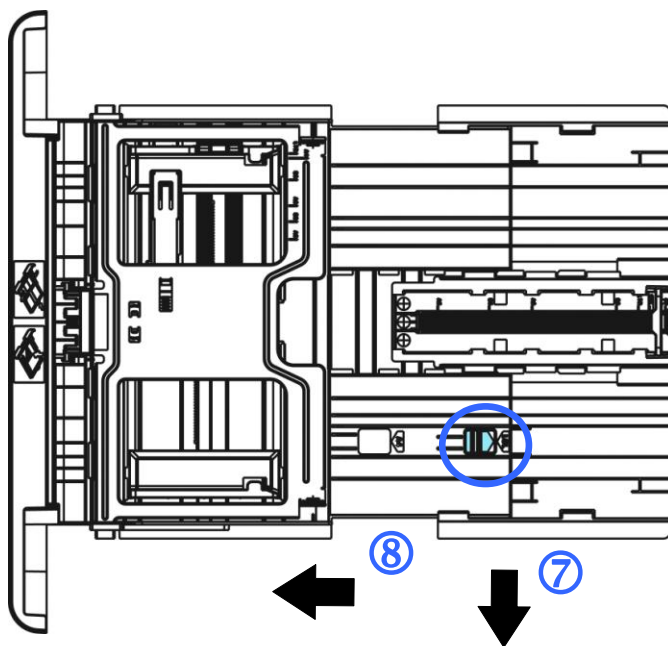
7. Load the paper stack with the **Printing Side Facing Down** as illustrated.
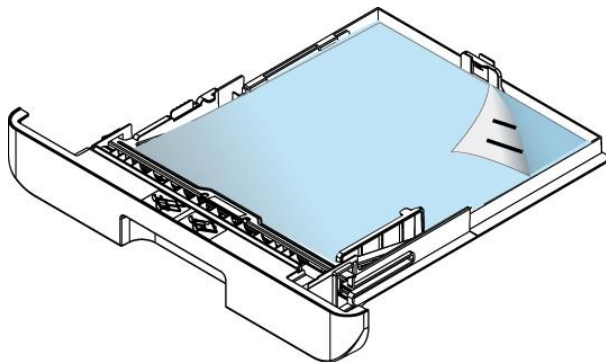
8. Insert the tray to the MFP.
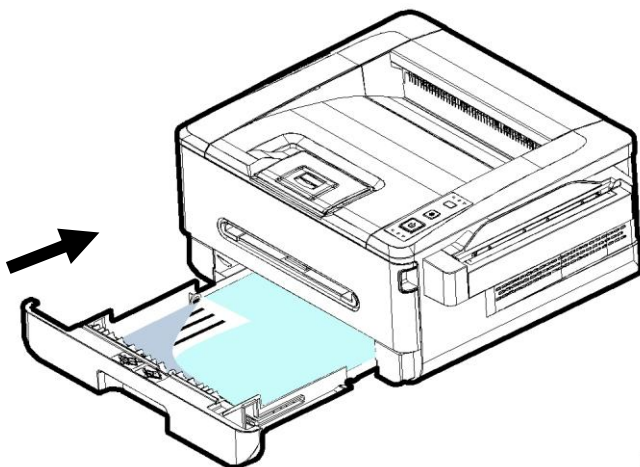
Paper sizes and weights used for Main paper tray

Paper capacity	250 pages（70 g/m² plain paper）
Paper size	A4 (210 x 297 mm)
	A6 (105 x 148 mm)
	B6 (JIS) (125 x 176 mm)
	B5 (JIS) (176 x 250 mm)
	Executive (184 x 267 mm)
	Letter (216 x 279 mm)
	Legal (216 x 356 mm)
	Custom Size: 76.2 x 127 mm ~ 216 x 356 mm
	(3 x 5 in. ~ 8.5 x 14 in.)
Paper weight	60 ~ 105 g/m²

* Duplex printing is available only for paper in A4, B5 (JIS) or Letter size.

Note:

● To ensure the best quality printing and copying, please use the paper or media which we have recommended.

● Make sure to fan your paper before loading it to the paper tray.

● If there are instructions about the printing side on the package of your paper, please follow the instructions to load your paper properly with the correct printing side to the paper tray.

● If the printing quality is not satisfactory or paper jams are easily to occur, turn over the paper stack so that the top page is now on bottom and then reload it to the paper tray.

● Pack and seal the remaining paper with the original packaging and store the paper in a dark and dry location away from the sunshine. Paper which collects much moisture is easy to cause jam during printing.

Important:

To avoid the chance of miss-fed, make sure the length guide tab and length slider are installed in their proper positions.

● Make sure the end of your paper slightly touch the length guide as indicated in below.
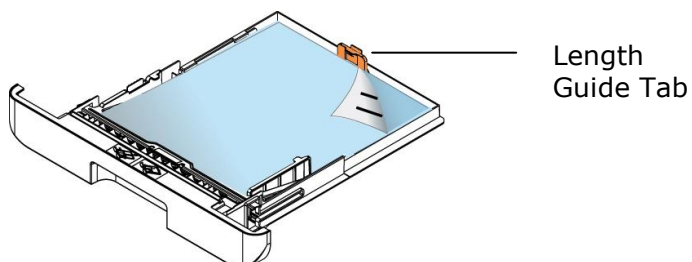
Length
Guide Tab

● Make sure the length slider is installed in the specified location in either position A or B as shown in below.

**Length
Guide Tab**

Position A   **Position B**
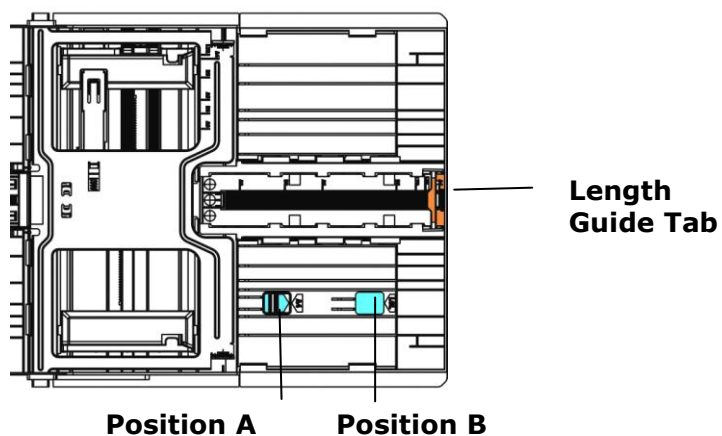
Loading the Manual Tray

To insert paper to the manual tray,

1. Load the paper with the print side **Facing UP** as illusrated.
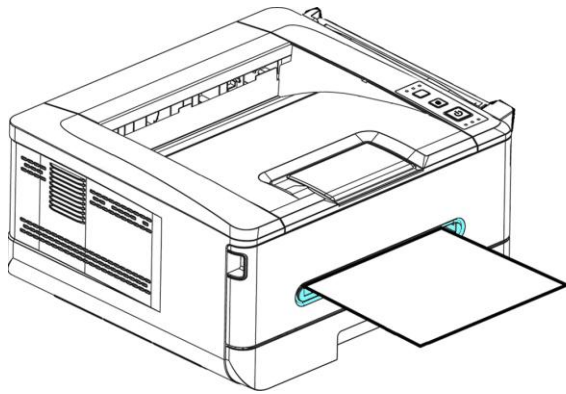
2. Slide the paper guides so that they lightly touch the paper stack.

Paper size and weights used for Manual Tray

Paper capacity	1 page（70 g/m² plain paper）
Paper size	A4 (210 x 297 mm)
	A6 (105 x 148 mm)
	A5 (148 x 210 mm)
	B6 (JIS) (125 x 176 mm)
	B5 (JIS) (176 x 250 mm)
	Executive (184 x 267 mm)
	Letter (216 x 279 mm)
	Legal (216 x 356 mm)
	Custom Size: 76.2 x 127 mm ~ 216 x 356 mm
	(3 x 5 in. ~ 8.5 x 14 in.)
Paper weight	60 ~ 163 g/m²

* Duplex printing is available only for paper in A4, B5 (JIS), or Letter size.

Note:

● To ensure the best quality printing and copying, please use the paper or media which we have recommended.

● Make sure to fan your paper before loading it to the paper tray.

● If there are instructions about the printing side on the package of your paper, please follow the instructions to load your paper properly with the correct printing side to the paper tray.

● If the printing quality is not satisfactory or paper jams are easily to occur, turn over the paper stack so that the top page is now on bottom and then reload it to the paper tray.

● Pack and seal the remaining paper with the original packaging and store the paper in a dark and dry location away from the sunshine. Paper which collects much moisture is easy to cause jam during printing.
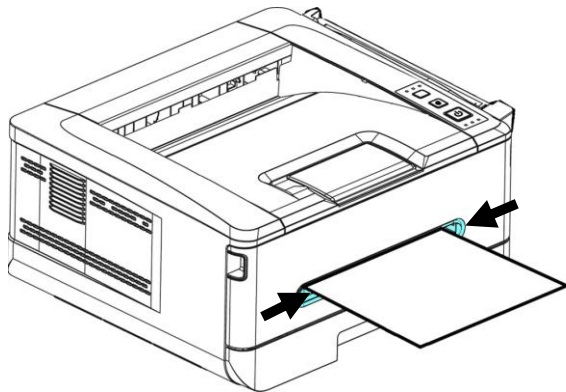
Connecting to Power

1. Connect the of the power cable to the power jack of your product.
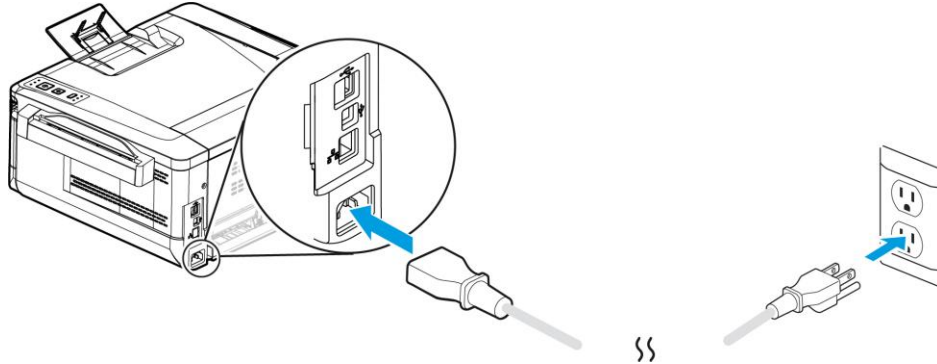
2. Connect the other end to an appropriate power outlet.

Turning On The MFP

To turn on the MFP, press the power button located on the control panel. Ready LED will be lit.
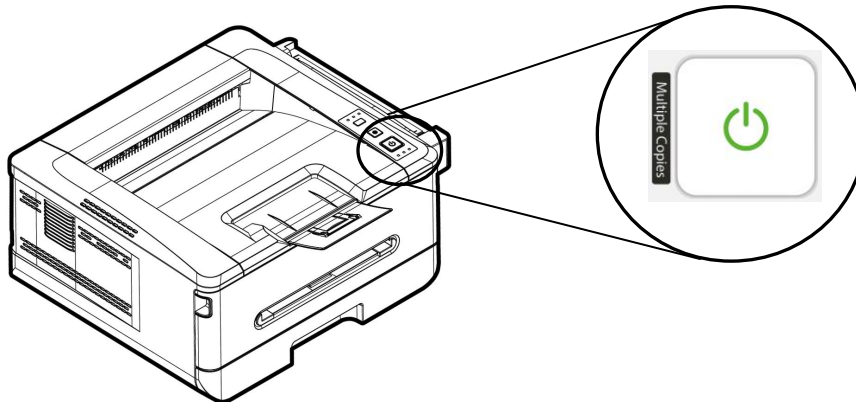
> **Note:**
>
> When the product is not in use, please long press the power button for 5 seconds until the Ready LED is turned off to get a zero power consumption state.

Connecting to the Network

Connect the MFP to the network to use the network printing function.

1. Connect one end of your network cable to an available port of your Ethernet Hub.

2. Connect the other end to the LAN port at the back of the product as shown.
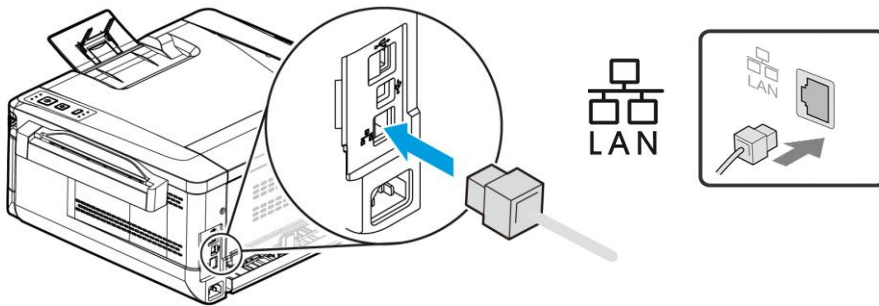
Note:

To obtain the IP address, press and hold the [Cancel] button for 5 seconds. A usage report containing the IP information will be printing.

Installing the Driver (Windows)

System Requirement

Windows 7, Windows 8, Windows 10, Windows 11

For USB Interface Users

Please follow these steps to install the MFP driver if this machine is connected to your computer via a USB cable. *You may also download the driver and manual at www.avision.com/download.

⚠️ **Important!**

- DO NOT connect the USB cable before installing the MFP's driver.

- You may also download the driver and manual at our web site www.avision.com/download.

1. Insert the supplied CD into your CD-ROM drive. The installation menu appears, as shown below.

2. Click **"Install Driver"** and follow the on-screen instructions to install the program.

3. When the Setup Type dialog box appears, select USB.
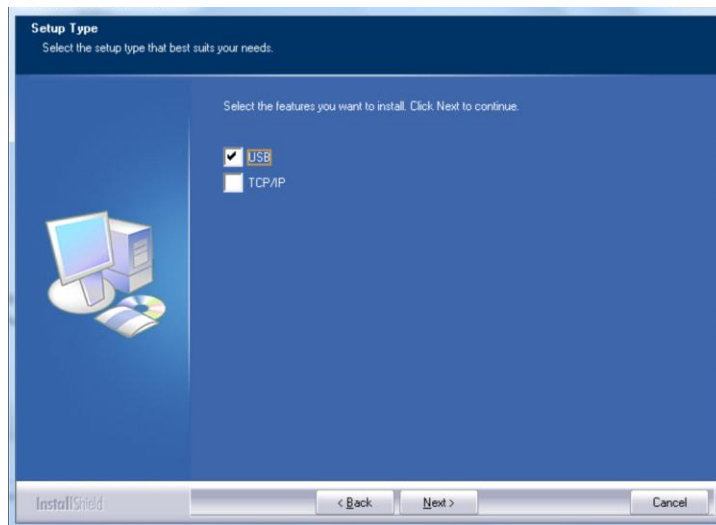
4. During installation, the USB Connection dialog box will be prompted to instruct you to connect the machine to your computer with a USB cable.

   a. Connect one end of the USB cable to your computer.

b.   Connect the other end to the USB port of your product.
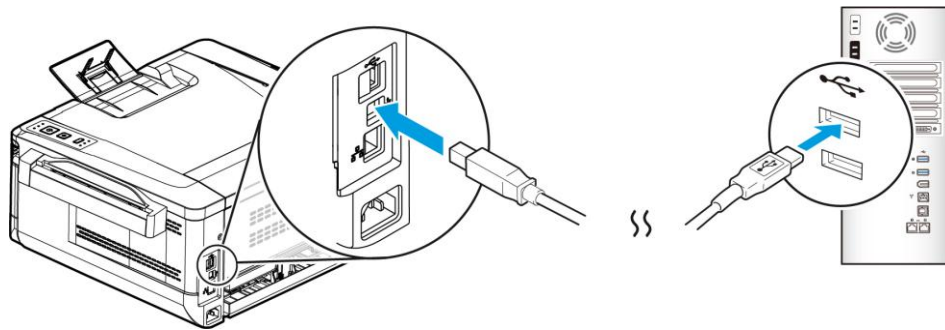
5. When the "Found New Hardware" screen appears, click **Next** and follow the on-screen instruction to complete the installation.

6. When the **Finish** dialog box appears, click **Finish** to complete.

If you have successfully installed the driver, you will find "Avision AXH2030N Printer" has been added in the "Printers and Faxes" option from the Control Panel.

Uninstalling the MFP Driver

1. Make sure your USB cable is connected to your product.

2. From the "Start" menu, select All Programs>Avision AXH2030N MFP>Uninstall Driver in succession to remove the driver.

For Network Interface Users

Please follow these steps to install the scanner, MFP drivers if this machine is connected to your computer via a network.   You may also download the driver and manual at our web site www.avision.com.

1. Insert the supplied CD into your CD-ROM drive. The installation menu wil be displayed.

2. To install the scanner driver and MFP driver:

Click 「**Install Driver** 」and follow the on-screen instructions to complete the installation of the program.

3. When the **Setup Type** dialog box appears, check [**TCP/IP**] and click [**Next**] to continue.

~~If you wish to change the IP address for the product, you need to install Network Setup Tool. The Network Setup Tool is included in the USB driver. Therefore, please also check [**USB**] if necessary.~~
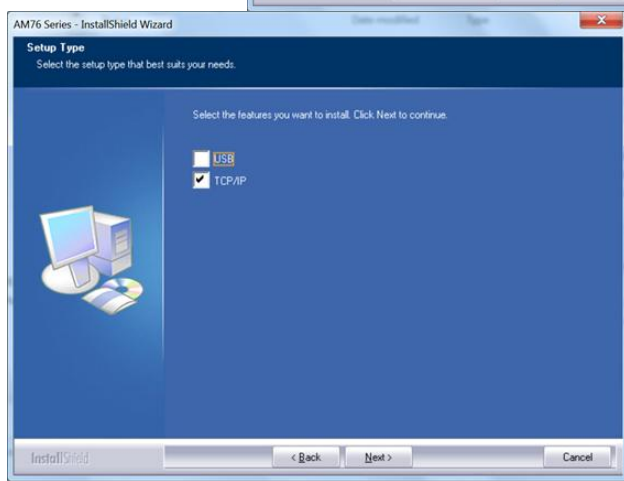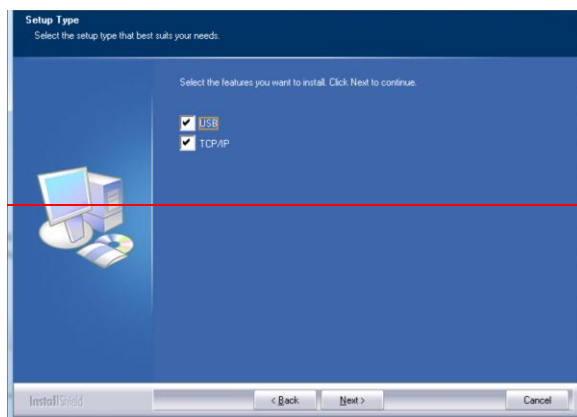
4. When the following **Set IP** dialog box appears, choose one of the following options and click [**>**] to add to the MFP list. When the desired option setting is

completed, click [**OK**].   (Follow the preceding section – Checking the Product's Default IP Address to obtain the product's default IP address.
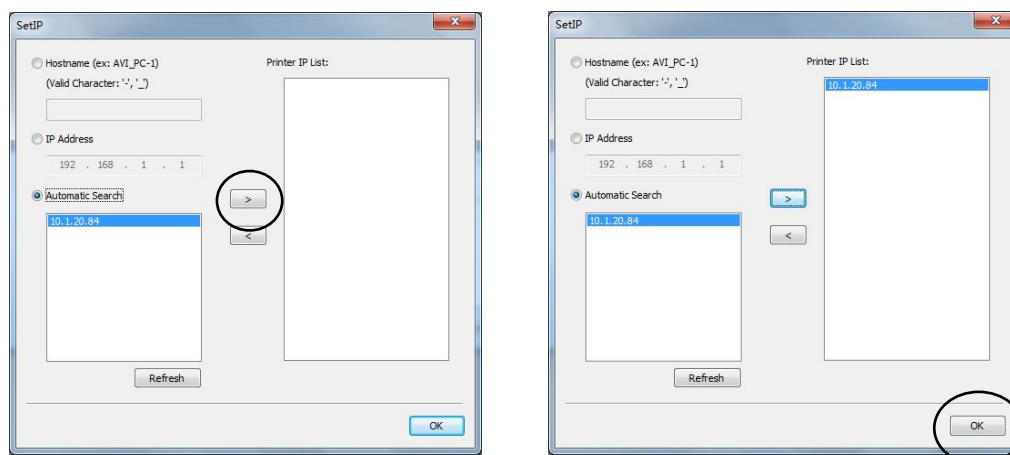
Host Name	Enter the product's host name to be connected in the blank box of the Host Name option. To add more host names if more than one product is connected in the network, click 「**More**」 next to the Host Name box.
IP Address	Enter the product's IP address to be connected in the blank box of the IP Address option.
Automatic Search	Searches the product's MFPs automatically, and all the product's host names found in the network will be displayed in the box of the Automatic Search. Use your mouse to choose your desired host name to be connected.

5.   When the Finish dialog box appears, choose 「**Finish**」 to complete.

If you have successfully installed the MFP's driver, you will find 「Avision AXH2030N NetWork」, has been added in the 「Printers and Faxes」option from the Control Panel.

Changing the Product 's IP Address in a Wired Network

To change the product's IP address, you need to install the **Network Setup Tool**. The **Network Setup Tool** is included in the USB MFP driver. After the installation of the USB MFP driver is completed, the **Network Setup Tool** is automatically installed onto your computer. Follow these steps to update the IP address to the product in a wired network.

1. Make sure the product is connected to your computer via a USB cable.
2. Start **Network Setup Tool** by choosing the **Start** button and then select **All Programs>Avision AXH2030N MFP>Network Setup Tool** in succession. The following Network Setup Tool screen will be prompted.
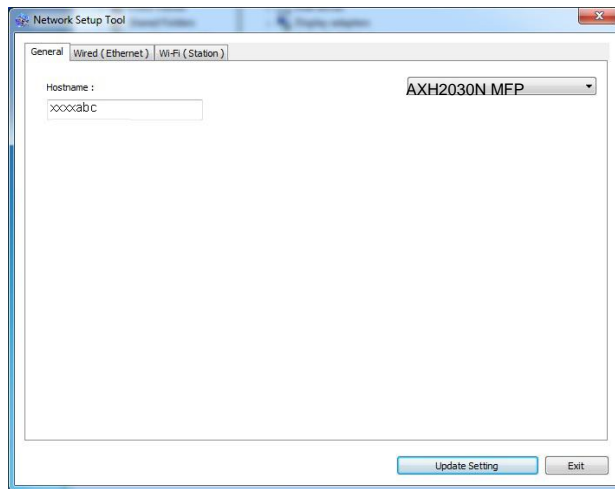
3. On the [**General**] page, check [**Wired (Ethernet)**] Network.
4. Click the [**Wired (Ethernet)**] tab to prompt the Wired (Ethernet) page.
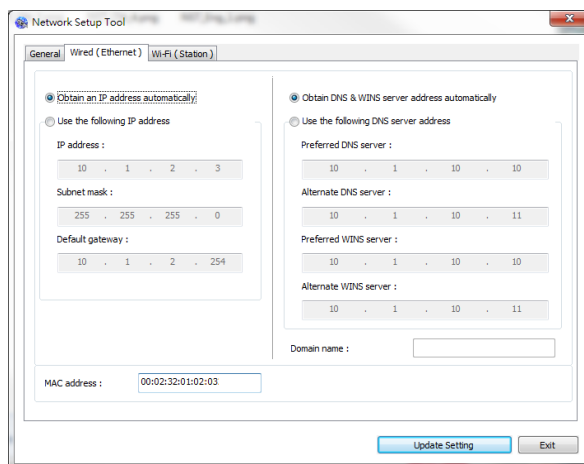
5. Check [**Obtain an IP address automatically**] to obtain the IP address directly from the DHCP server or you may enter your static IP on the [**IP Address**], [**Subnet Mask**], and [**Gateway**] field respectively.

6. If you have assigned a specific IP, enter your domain name server and WINS server as well and then click [**Update Setting**] to update the IP information to the product.

7. If update is successful, an [**Update Device Successfully**] message will be displayed and the Network Setup Tool will be automatically closed.

Setting the Product's IP Address in a Wireless Network

To set an IP address to the product, you need to install the **Network Setup Tool**. The **Network Setup Tool** is included in the USB MFP driver. After the installation of the USB MFP driver is completed, the **Network Setup Tool** is automatically installed onto your computer. Follow these steps to set and update the IP address to the product in a wireless network:

*It is only available for the model which is built-in with a Wi-Fi dongle that is able to connect to a wireless network.

1. Make sure the product is connected to your computer via a USB cable.

2. Start the **Network Setup Tool** by choosing the **Start** button and then select **All Programs>Avision AXH2030N MFP>Network Setup Tool** in succession. The following Network Setup Tool screen will be prompted.

3. On the [**General**] page, check [**Wi-Fi (Station)**].

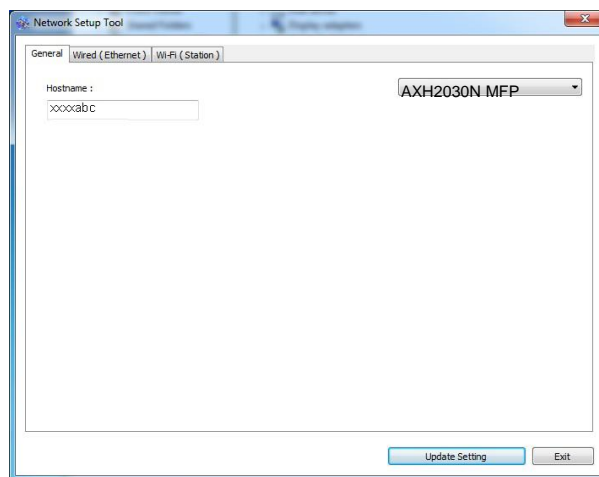**4.** Click the [**Wi-Fi (Station)**] tab to prompt the [**Wi-Fi (Station)**] page.
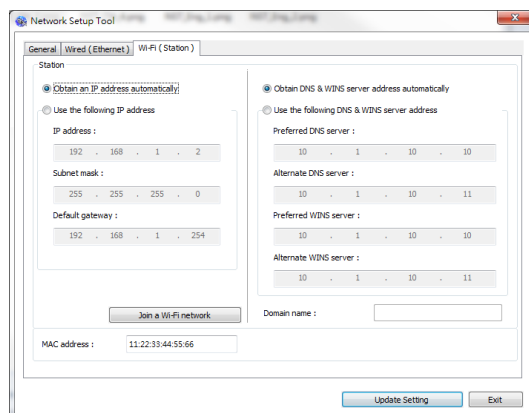
5.　Check [**Obtain an IP address automatically**] to obtain the IP address directly from the DHCP server or you may enter your static IP on the [**IP Address**], [**Subnet Mask**], and [**Gateway**] field respectively.

6.　Click [**Join a Wi-Fi network**] and the currently connected wireless networks will be displayed. Select the wireless network you want to connect and then enter the security key if required.
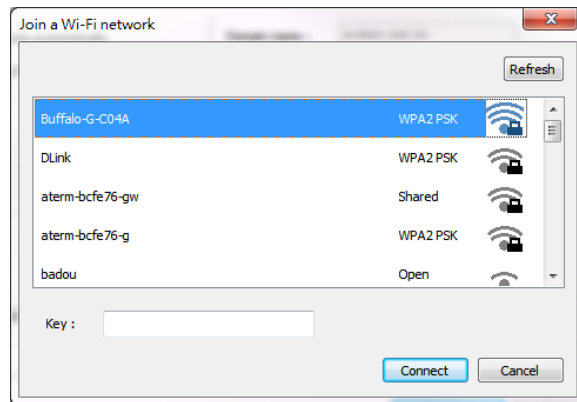
7.　Click [**Connect**] to start connecting the SSID (wireless network name) and then update the IP information to the product.

8.　If update is successfully, an [**Update Device Successfully**] message will be displayed and the Network Setup Tool will be automatically closed.

Uninstalling the Driver

1. From the「**Start**」menu, select「**All Programs**」,「**Avision AXH2030N MFP**」, and then 「**Uninstall Driver**」.

Or from the 「**Start**」 menu, select 「**Control Panel**」, 「**Add or Remove Programs**」,「**Avision AXH2030N MFP**」, and then 「**Remove**」.

2. Follow the instructions on the screen to complete removing the scanner driver and the MFP driver.

3.   Copying

Making A Copy for a 1-Sided Document

1. Make sure that [**1-Sided Copy**] LED light is lit, as shown in the figure below. If not, press the [**Mode**] button until the [**1-Sided Copy**] LED light is lit as indicated.

2. Load your document with the **text** side **facing outward**, and align your document with the size mark on the feeder.

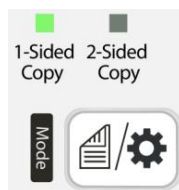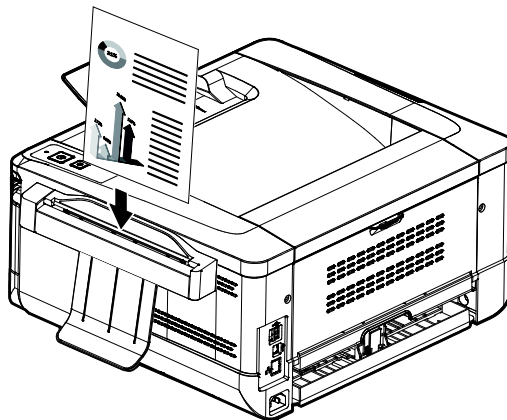3. The paper will be automatically fed into the feeder and the copy will be finished, too.

Making Multiple Copies for a 1-Sided Document

1. Make sure that [**1-Sided Copy**] LED light is lit, as shown in the figure below. If not, press the [**Mode**] button until the [**1-Sided Copy**] LED light is lit.

2. Load your document with the **text** side **facing outward**, and align the document with the size marks on the feeder.

3. The paper will be automatically fed into the feeder and the first copy will be finished, too.
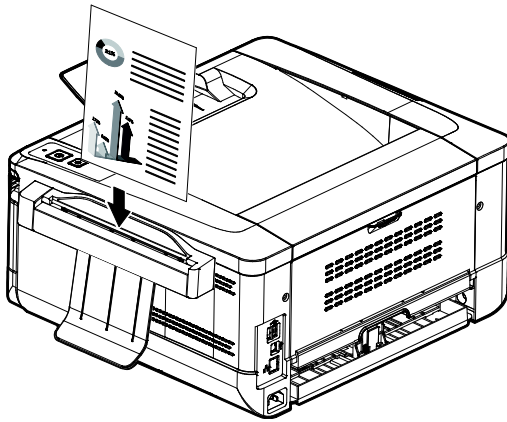
4. At this moment, the [**Status**] LED light will be flashing fast in yellow，to make another copy, press [**Multiple Copies**] within 5 seconds.
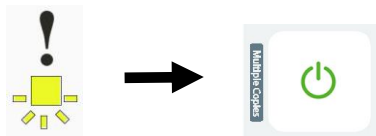
5. Another copy will be done.

6. To make more copies, repeat step 4.

Making A Copy for a 2-Sided Document

1. Press the [**Mode**] button until the [**2-Sided Copy**] LED light is lit as indicated.

2. Load your document with **the Front Side** side **facing outward**, and align it with the size marks on the feeder.

3. The paper will be automatically feeding through the feeder.

4. After finished, the [**2-Sided Copy**] LED light will be flashing, load your paper with **the Rear Side facing outward** into the feeder. (timeout: 10 seconds)

5. After the paper has been feding through the feeder, the duplex copy will be finished, too.

Making Multiple Copies for 2-Sided Document

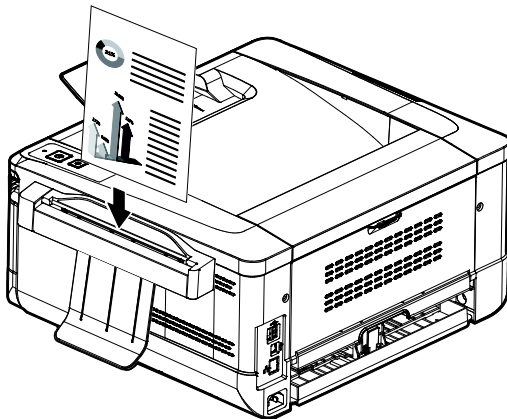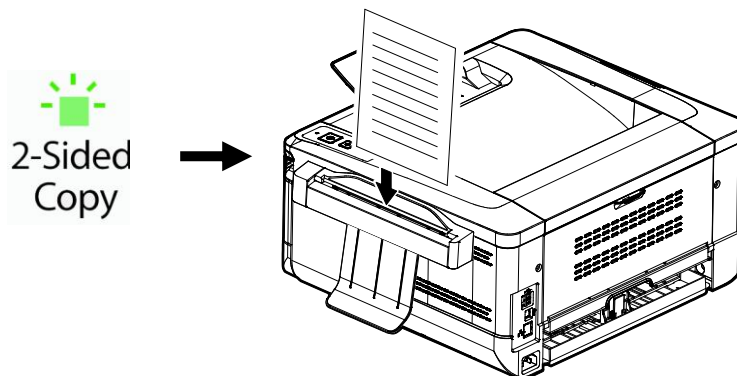**1.** Press the [**Mode**] button until the [**2-Sided Copy**] LED light is lit as indicated.

2. Load your document with the **Front Side facing outward**, and align your document with the size mark indicated on the feeder.
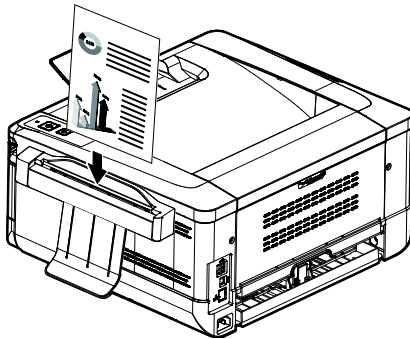
3. The paper will be automatically feeding through the feeder.

4. After finished, the [**2-Sided Copy**] LED light will be flashing, load your paper with **the Rear Side facing outward** into the feeder. (timeout: 10 seconds)
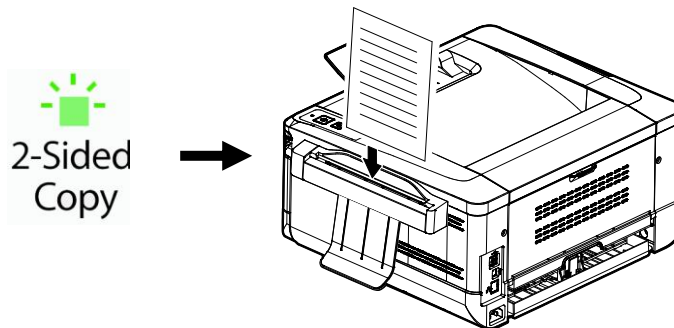
5. After finished, the [**Status**] LED light will be blinking fast. To make one more copy, press [**Multiple Copies**] within 5 seconds.
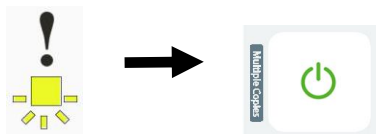
6. The machine will automatically make one another copy.

7. To make more copies, repeat step 5.

Making ID Card Copy

When [**2-Sided Copy**] is selected, and your original is smaller than A5 size (210x 148 mm), for example, a name card or an ID card, the machine will enter into the ID card mode and automatically print the front and rear sides of your original on the same side of the sheet.

1. Press the [**Mode**] button until the [**2-Sided Copy**] LED light is lit as indicated.

2. Load **the Front Side facing outward** and align your card with the size marks indicated on the feeder.
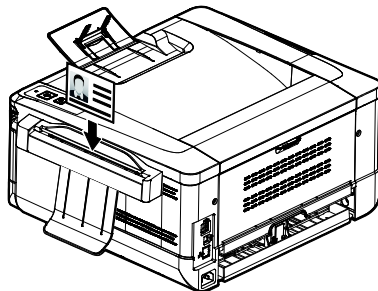
3. After finished, the [**2-Sided Copy**] LED light will be flashing, load your card with **the Rear Side facing outward** into the feeder. (timeout: 10 seconds)
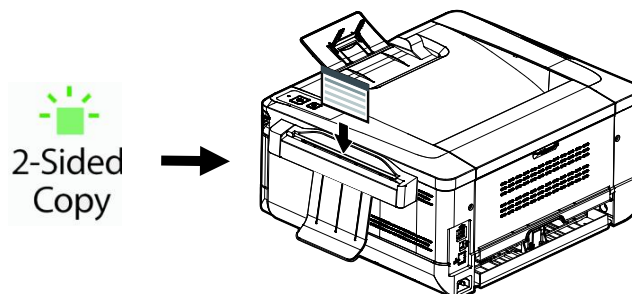
**4.** After feeding the other side, the ID copy will be completed as shown in below. (To change the default layout, refer to Chapter 4 Customizing the Product's Settings.)

4. Customizing the Product's Settings

This chapter is specifically targeted to the persons who are responsible for the administration of the product. It is recommended that the administrator read this chapter before installing the machine.

The product's settings can be customized via the product's embedded web page. How to customize the product's settings via the webpage will be described in the following sections.

> **Note:**
> When installing the product for the first time, it is recommended that the Administrator retain the default system settings. The settings can be customized at a later date once you are familiar with the operation and functionality.

Customize System's Settings via the Embedded Web Page

Note: Any update of the web page requires administrator's login.

1. Refer to the preceding section to setup the product's network settings.

2. Open your browser and type the product's IP address on the URL address, for example, http://10.1.21.46 and press Enter. In a second, the embedded web page will be displayed.
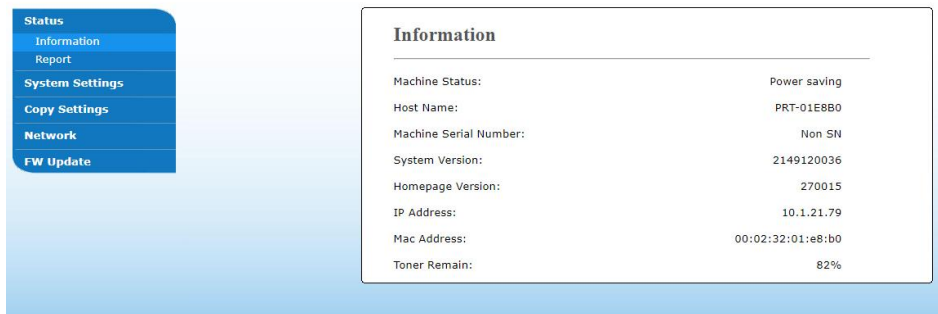
3. Enter your desired setting on your selected items.

Setting Items to be Customized

Status
Displays the status and basic information of the product.
*Factory Default

Item	Description
Information	Display the following basic information of the product.
Machine Status	Displays the machine status.
Host Name	Displays the host name.
Machine Serial Number	Displays the machine's series number.
System Version	Displays the firmware version.
Homepage Version	Displays the version of the embedded web page.
IP Address	Displays the IP address.
Mac Address	Displays the Mac address.
**Wi-Fi IP	Displays the Wi-Fi IP address.
**Wi-Fi MAC	Displays the Wi-Fi Mac address.
**Wi-Fi SSID	Displays the Wi-Fi SSID name.
**AP Mode IP	Displays the IP address in AP Mode.
**AP Mode SSID	Displays the SSID name in AP Mode.
Toner Remain	Displays the toner remaining percentage.
Report	Clicks [Download] to download an image containing the system usage information and system settings.

 **These items will only be available for the model with a Wi-Fi module.

System Settings

*Factory Default

Item	Description	Option
Language	The language displayed on the web page.	The displayed language varies depending on your operating system
Sleep Mode	Choose if you wish to enter energy saving mode and how long to enter the energy saving mode after your last action.	ECO mode/5Min/*****15Min/30Min/1Hr
Auto Off	Choose how long to shut down the product automatically after your last action.	*****Off/5Min/15Min/30Min/1Hr/2Hr/4Hr
Schedule Restart	Enable or disable [Schedule Restart]. If select on, enter number of day to restart the device automatically.	***** On/Off
Paper Size	Specify the default paper size.	*****A4/A5/LTR/LGL
Media Type	Specify your media type.	*****Plain/Thin/Thick/Laser Paper
Network		
	Wi-Fi WPS button: You may connect the device to a WPS compatible wireless access point by selecting [**Wi-Fi WPS button**]. To enable the WPS connection of your access point, please refer to the user's guide of your access point.	
Management		
Factory Def.	Reset all settings to factory default values.	
Reset Count	Choose to reset count for the pad or roller after replacement. Click [immediate] to reset count.	ADF Roller, Tray 1 pad
V-Mag Adjustmnet	Choose to adjust the vertical magnification rate of the MFP.	-0.4%/-0.2%/*0%/+0.2%/ +0.4 %
Blank Page	Choose if you wish to remove the blank page.	Retain, Remove
Blank Page Detection Level	Choose your blank page detection strength.	Normal, Easy to be detected as white pages, Easy to be detected as documents

Password Settings (If these two fields are left blank, this means the password has not been changed.**)**	
New Password	Enter a password to enable modifying the web page. Password should be 8~16 characters or digits in length.
Retype Password	Retype new password.

Copy Settings

*Factory Default.

Item	Description	Option
Copy Mode	Choose the copy mode to suit your original.	Choice: *Text, Mixed
Density	Display the default density level. Default: 3	Range: 1 ~ 7
Toner Save	Enable or disable Toner Save mode.	On/*Off
Layout	Display the default layout for your output. (When duplex mode is used and your paper smaller than A5)	Choice: Up/Down, *Left/Right, Front/Rear

Network

Displays the network information of the product.
*Factory Default

Item	Description	Option
Host Name		
Host Name	Dipslay the host name for the product.	
Ethernet Settings		
Obtain an IP address automatically	*Off/On	
IP Address: Set up an IP address.	Input the IP address of the product.	
Subnet Mask	Input the subnet mask number.	
Gateway	Input the gateway for your IP.	
Auto-Obtain WINS/DNS	*Off/On	
Preferred DNS Server	Sets up the preferred DNS server address for the product.	
Alternate DNS Server	Sets up the alternate DNS server address for the product.	
Preferred WINS Server	Sets up the preferred WINS server address for the product.	
Alternate WINS Server	Sets up the alternate WINS server address for the product.	
Domain Name	Sets up a domain name for the product.	
Wi-Fi Settings		
Search AP	Click [**Search AP**] and the currently connected wireless networks will be displayed. Select the wireless network you want to connect and then enter the security key if required.	
IP Settings	Obtain the IP address directly from the DHCP server or you may enter your static IP on the [**IP Address**], [**Subnet Mask**], and [**Gateway**] field respectively.	
Network Security Setup		
Security Configuration Filter	Specify if you wish to enable or disable the filter configuration.	*Disable/Enable

Filter Mode	Specify your filter mode to allow some IPs to access the device or deny some IPs from accessing the device.	Allow/Deny
IP Address Filter Configuration	**IP Address Filter Configuration**- Four types of Start IP and End IP can be specified. **Mac Address Filter Configuration**- Up to 10 Mac address can be specified.	IP Address Filter Configuration/ Mac Address Filter Configuration

FW Update

Update the firmware of the product. Before updating the product's firmware, you need to first download the latest firmware from our web site at www.avision.com onto your computer. On the webpage, choose [**Browse**] to find the firmware file on your computer and then choose [**Update**] to begin updating the firmware to the product.
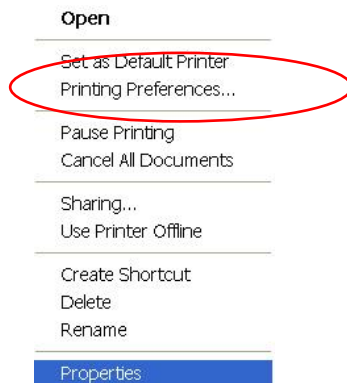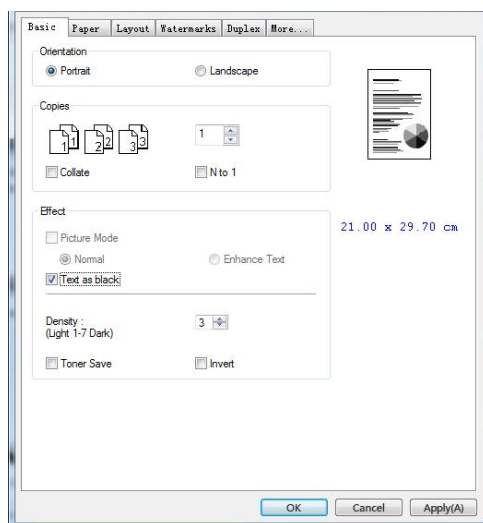
5. Configuring the MFP Driver

Displaying the MFP Driver Properties Dialog Box (Windows)

To display the MFP Driver Properties dialog box,

1. Click **Start** on the system tray and choose **MFPs and Faxes**.

2. Right-click the product's MFP name and choose **Printing Preferences**.



3. The Printing Preferences dialog box.

Configuring MFP Driver Settings

The Printing Preferences dialog box consists of the Basic tab, the Paper tab, the Layout tab, the Watermark tab, the Duplex tab, and the More tab.   The contents of each tab will be explained in the following sections.
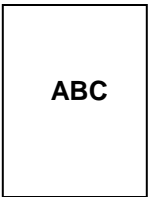
The Basic Tab

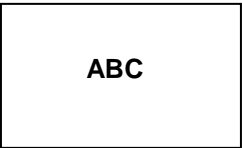The Basic tab contains settings for Orientation, Copies, Effect, Density, Toner Save, and Invert.
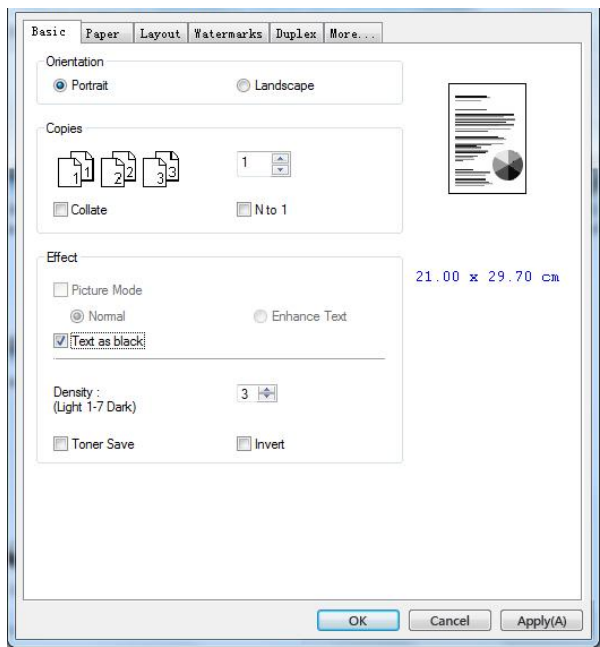
Orientation

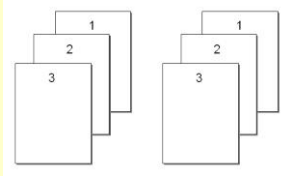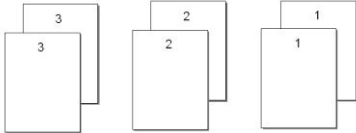Choose your orientation.   **Choice: *Portrait, Landscape**

Portrait   **Landscape**

*Factory Default

Copies

Choose the number of copies to be printed. You can enter up to 999.

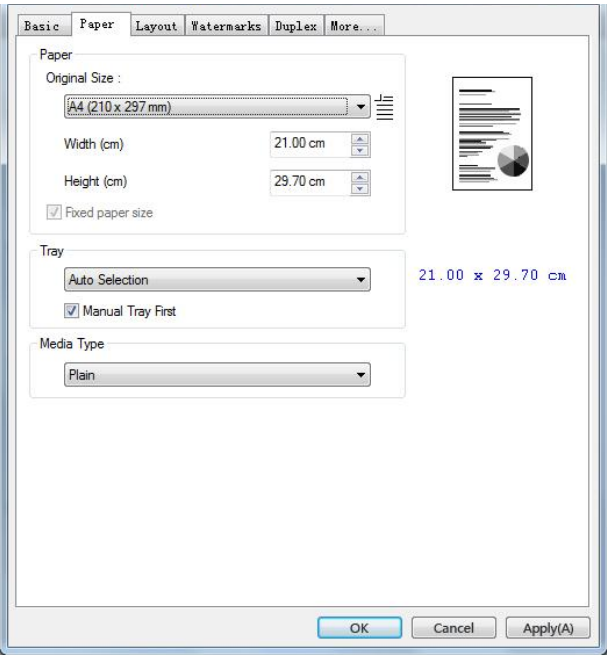| Collate:	Click to print your document in the page order such as 1/2/3, 1/2/3, 1/2/3.
N to 1:	Click to reverse the printing order of your document. As a result, the last page of your document will be printed first and vice versa.

Effect

Picture Mode:	If the picture in your document does not print clearly, click **Picture Mode** to improve its quality. **Choice: Normal, Enhance Text** Normal: Normal mode. Enhance Text: Make the text bold.
*Text as Black	Print color text in pure black.
Density:	Click to lighten or darken your document. Density level (1~7). Default: 3
Toner Save:	Allows you to print your document using the toner saving mode.
Invert:	Invert makes each image pixel inverted to its complementary color. For example: the original black text on white background becomes white text on black background.

*Factory Default

The Paper Tab

The Paper tab contains settings for Original Size, Tray, and Media Type.

Paper

Original Size:	Choose the size of paper loaded in the designated tray. **Choice: *A4, A5, A6, B5 (JIS), B6 (JIS), Legal, Letter, User Define**
Tray:	Choose the tray from which your paper should be fed. **Choice: Auto Selection, Manual Tray, Tray 1** ***Manual Tray First:** Automatically select the paper tray which is available (priority: 1: Manual Tray; 2: Tray 1). **Auto Selection:** Automatically select the paper tray which is available (priority: 1: Tray 1; 2: Manual Tray).
Media Type:	Choose the type of media to be used for printing. **Choice: *Plain, Thin, Thick, Laser, **Postcard, **Bond** ****: Only available in the manual tray for one-side printing**

*Factory Default
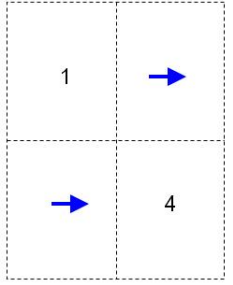
The Layout Tab
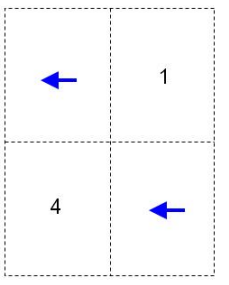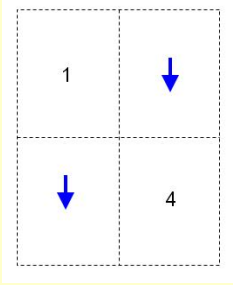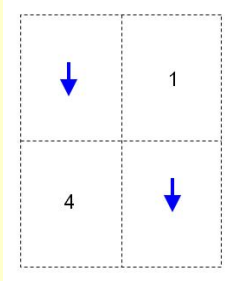
The Layout tab contains settings for N-up, and Output Paper Size.
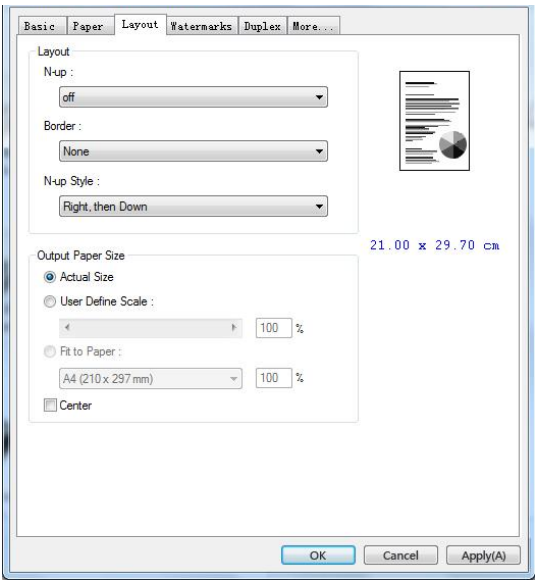
N-up

N-up:	Choose number of pages to be printed on a single sheet of paper.
	Choice: *Off, 2up(2-in-1), 4-up(4-in-1), 9-up(9-in-1), 16-up(16-in-1)
Border:	Choose if you wish to add border around each page when printing more than one page on a single sheet of paper.
	Choice: *None, Border Line, Dashed Line

* Factory Default Setting

N-up Style:	Choose the style you want when printing multi-page document on a single sheet.
	Choice: *Right, then Down/Down, then Right/Left, then Down/Down, then Left

Right, then Down	Down, then Left
1 ➡ / ➡ 4	⬅ 1 / 4 ⬅

Down, then Right	Left, then Down
1 ⬇ / ⬇ 4	⬇ 1 / 4 ⬇

* Factory Default Setting

## Output Paper Size

*Actual Size	Print the actual size of your document.
User Define Scale	You can reduce or enlarge your printed image using the Slider Bar. **Scaling rate: 25%~400%** (*100%)
Fit to Paper	Output the full page of the selected original including the four margins.
Center	Print your image in the center of the output paper.

* Factory Default Setting

The Watermark Tab

The Watermark tab allows you to add some text or image (such as CONFIDENTIAL, IMPORTANT, DRAFT, etc) for your document.
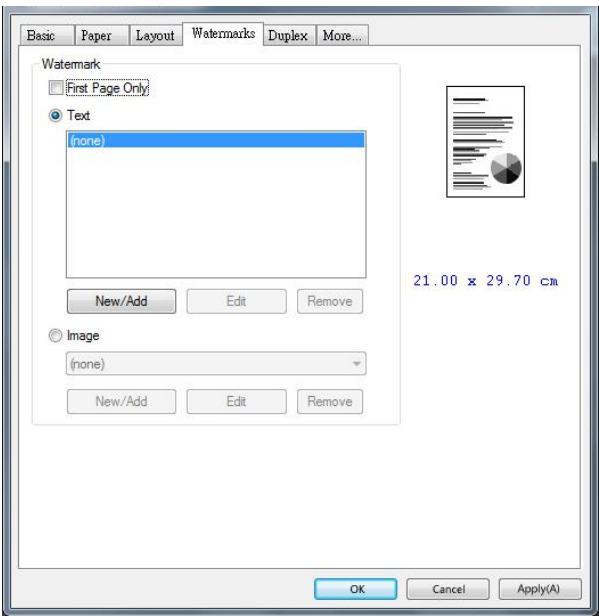
First Page only	Check to print watermark only on the first page. Clear the check box will print watermark on all pages.
Text	Choose and click **New/Add** to add new watermark text. Click the **Edit** button to change or the **Remove** button to delete.
Image	Choose and click New/Add to add watermark image. Click the **Edit** button to change or the **Remove** button to delete. You can choose your image in file format such as BMP, TIFF, or JPEG.

Adding a new waterk text

To add a new watermark text,

1. Choose **Text** and then click the **Add/New** button. The following Watermark dialog box appears.
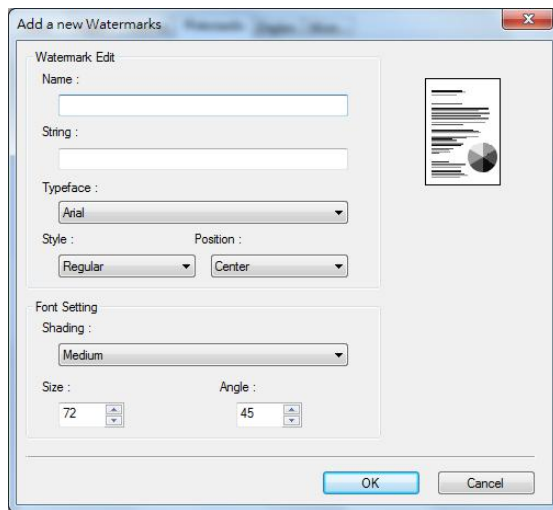
Name	Name your watermark text. This name will be shown in the Watermark text list.
String	Enter your watermark text, such as confidential, important, and so on.
Typeface	Choose your font type for your watermark text.
Style	Choose the style of your watermark text. **Choice: *Regular, Bold, Italic, Bold Italic.**
Position	Choose the position of your watermark text. **Choice: *Center, Tile.**
Shading	Specify a relative density for the watermark text. **Choice: Lightest, Light, *Medium, Dark, Darkest.**
Size	Specify the size of your watermark text from **1 to 288**. (*72)
Angle	Specify the angle of the watermark text from **0° to 360°** (*45°)

   * Factory Default Setting

2. Click the **OK** button to save the settings. If the new watermark text is created successfully, the watermark name will be shown in the Text list.

Editing a current watermark text

To edit a current watermark text,

1. Choose the waternark name that you wish to edit from the Text list.

2. Click the **Edit** button. The Watermark Edit dialog box appears.

3. Change your settings for the selected watermark text and choose **OK** to complete.
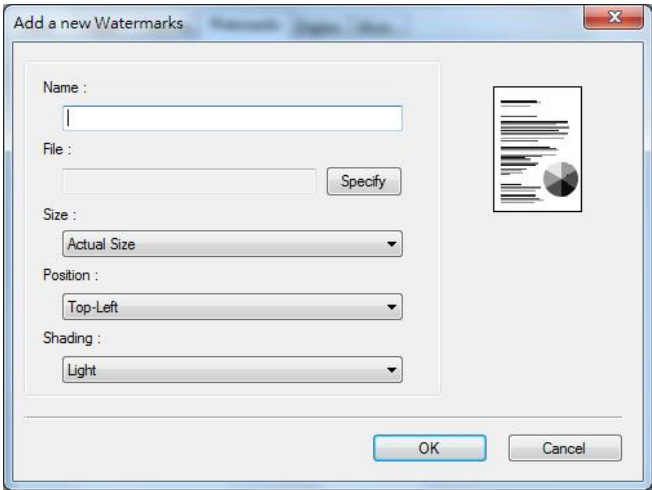
Removing a current watermark text

To remove a current watermark text,

1. Choose the waternark name that you wish to remove from the Text list.

2. Click the **Remove** button. The watermark text will be removed.

Adding a new waterk image

To add a new watermark image,

1. Choose **Image** and then click the **Add/New** button. The following Watermark dialog box appears.

Name	Name your watermark image. This name will be shown in the Watermark image list.
File	Click the **Browse** button to locate your watermark image.
Size	**Specify the size of your watermark image. Choice: *Actural Size, Shrink to Page, Tile.**
Position	Choose the position of your watermark image. **Choice: *Top-Left, Top-Center, Top-Right, Center, Center-Left, Center-Right, Bottom-Center, Bottom-Right, Bottom-Left.**
Shading	Specify a relative density for the watermark text. **Choice: Lightest, *Light, Medium, Dark, Darkest.**

* Factory Default Setting

2. Click the **OK** button to save the settings. If the new watermark image is created successfully, the watermark name will be shown in the Image list.

Editing a current watermark image

To edit a current watermark image,

1. Choose the waternark name that you wish to edit from the Image list.

2. Click the **Edit** button. The Watermark Edit dialog box appears.

3. Change your settings for the selected watermark image and choose **OK** to complete.

Removing a current watermark Image

To remove a current watermark image,

1. Choose the waternark name that you wish to remove from the Image list.

2. Click the **Remove** button. The watermark image will be removed.

The Duplex Tab

The Duplex tab allows you to print your document on two sides of the paper. Choice: Flip Horizontal, Flip Vertical.
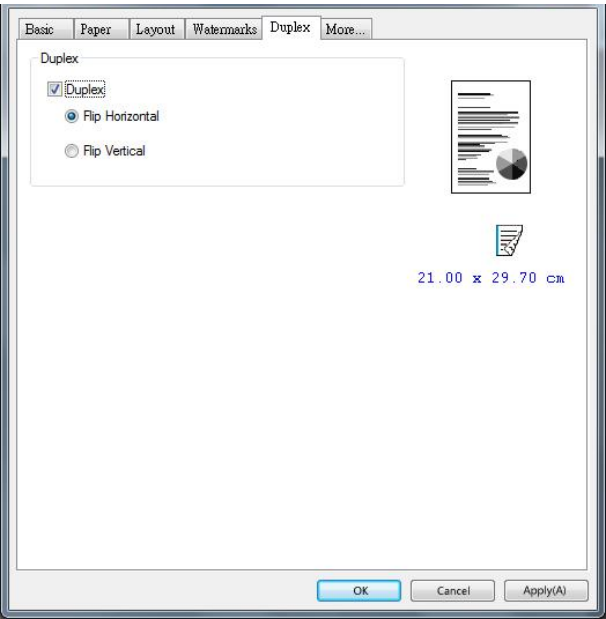
Duplex

| *Flip Horizontal	Check to flip the duplex document on the left edge.
Flip Vertical	Check to flip the duplex document on the bottom edge.

* Factory Default Setting

Note: The duplex feature supports only page sizes of A4, B5 (JIS) and letter with paper weight between 60g/m^2 and 105g/m^2.

The More Tab

On the **More** tab, a **Wait Timeout** option is provided to set the amount of time the MFP waits for data to come from computer during a job. If the data stream pauses for longer than the specified number of seconds, the job is cancelled.

Permitted timeout values: 60~1800 seconds, default timeout values: 300 seconds

Defaults: Press to change all setting values back to factory default.
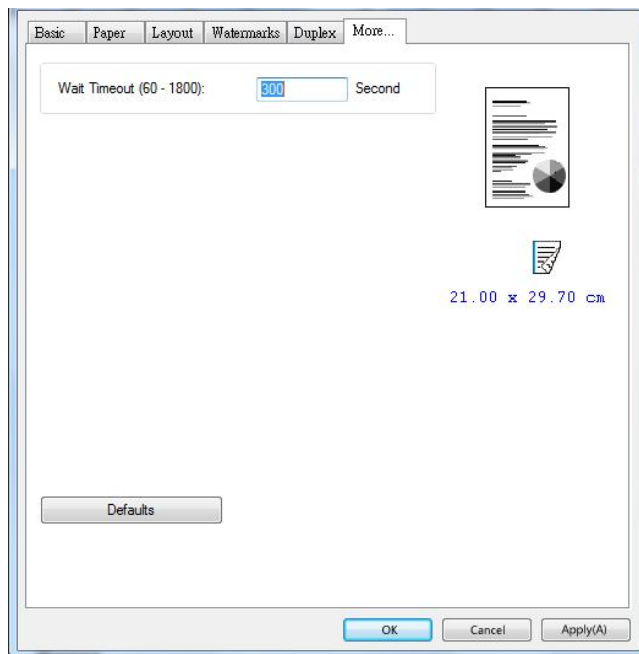
6.   Printing

Cancelling a print job

You can stop a print request by using the control panel or by using the software program. For instructions about how to stop a print request from a computer on a network, see the online Help for the specific network software.

Stopping the current print job from the control panel

Press the Cancel button on the control panel.

Stopping the current print job from the software program

When you send the print job, a dialog box appears briefly on the screen. You can cancel the print job from the dialog box.

If several requests have been sent to the product through your software, they might be waiting in a print queue (for example, in Windows Print Manager). See the software documentation for specific instructions about canceling a print request from the computer.

If a print job is waiting in a print queue or print spooler, delete the print job there.

1.   Windows 7: Choose **Start>Control Panel>Hardware and Sound>Devices and MFPs** in succession.

2. In the list of MFPs, double-click the name of this product to open the print queue or spooler.

3. Select the print job that you want to cancel, and then press **Delete** from the **Document** menu.

7. Printing Documents from a Mobile Device

For the model comes with a Wi-Fi module, the product can be converted into a wireless device and your mobile device is able to print emails and documents by simply tapping Print from the menu.

Making Preparation

To connect the product to a wireless LAN, prepare the followings:

- **An environment in which a wireless LAN is available**

When connecting the scanner to a wireless LAN, you may need information for a wireless access point such as an SSID (network name) and a security key (password). For details, contact your Network Administrator or refer to the manual for the wireless access point.


Attention!

Do not place obstacles that block radio waves (e.g. walls or metal plates) or devices that cause radio wave interference (e.g. cordless phones) within 100 mm of the product, or near your wireless access point.

- **Mopria Print Service**

The Mopria Print Service (app) can be downloaded from the Google Play Store to enable print functionality on any Android phone or tablet (Android version 4.4 or later). Once installed, simply connect your device to the same network as the MFP and your mobile print can be completed.
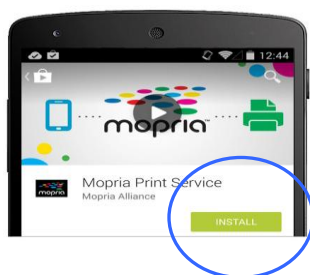
● **Print via Software Application (depending on your mobile phone)**

You can also turn on Wi-Fi on your mobile phone, connect it directly to the printer, then open the document on the mobile phone, use the software that opens the document and select the printer to print it out.

Connecting to a Wireless Network via the Network Setup Tool

*For the product that comes with a Wi-Fi module, the Wi-Fi is automatically turned on when the product is turned on, and the product work as an AP (Access Point) by default.

Before You Begin!
● Make sure the computer has been connected to the product via the USB cable.
● Make sure the power adapter has been connected and the product has been turned on.

The **Network Setup Tool** is an application to configure the settings required for connecting the product via wireless LAN. The **Network Setup Tool** can be used to configure the following wireless or wired settings:

● Connecting the product to a wireless access point
● Connecting the product to a wired network
● Setting the IP address for the scanner

1. Launch the program by clicking the **Start>All Programs>Avision AXH2030N MFP>Network Setup Tool**. The main window appears.
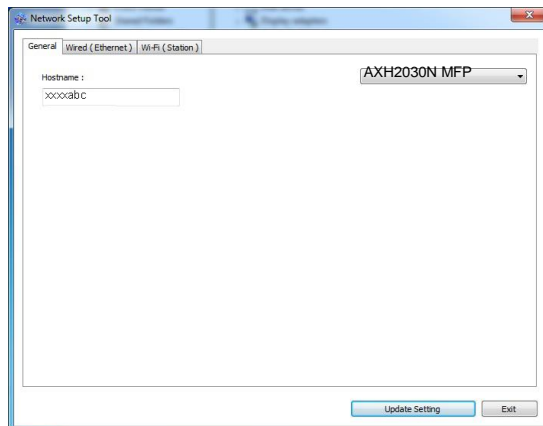
2. On the [**General**] page, check [**Wi-Fi (Station)**].
3. Click the [**Wi-Fi (Station)**] tab to prompt the [**Wi-Fi (Station)**] page.
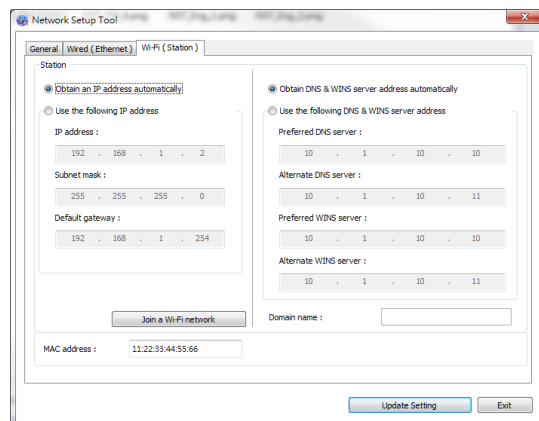
4. Check [**DHCP**] to obtain the IP address directly from the DHCP server or you may enter your static IP on the [**IP Address**], [**Subnet Mask**], and [**Gateway**] field respectively.

5. Click [**Connect to SSID**] and the currently connected wireless networks will be displayed. Select the wireless network you want to connect and then enter the security key if required.
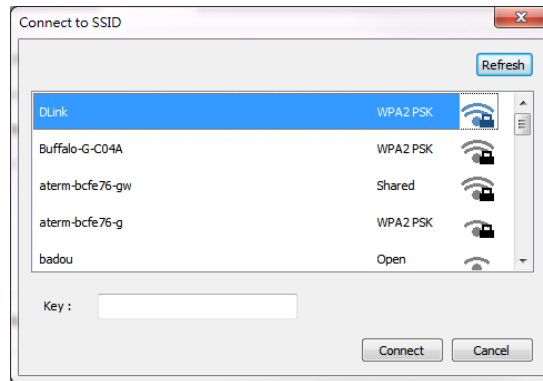
6. Click [**Connect**] to start connecting the SSID (wireless network name) and then update the IP information to the product.

7. If update is successfully, an [**Update Device Successfully**] message will be displayed and the Network Setup Tool will be automatically closed.

Printing Your File from a Android Mobile Device

Make sure that the Mopria Print Service (Print App) has been installed on your Android mobile device. The **Mopria Print App** can be purchased for free from an application store such as Google Play.
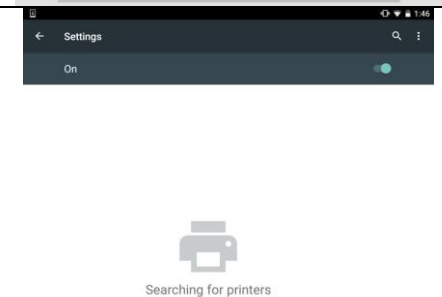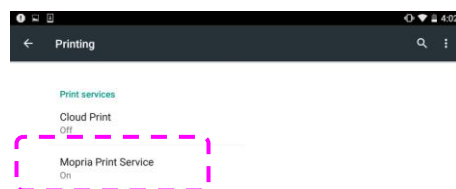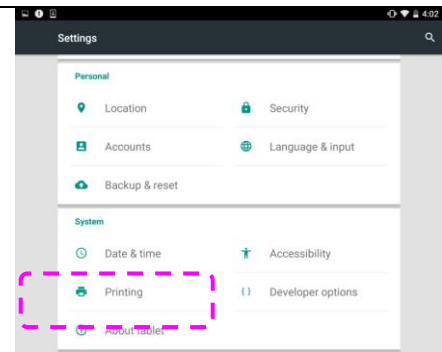
1. Select the same wirelss network as your MFP.

On your mobile device, tap **Settings**>**Wi-Fi** and choose the same network name (SSID) of your MFP.	
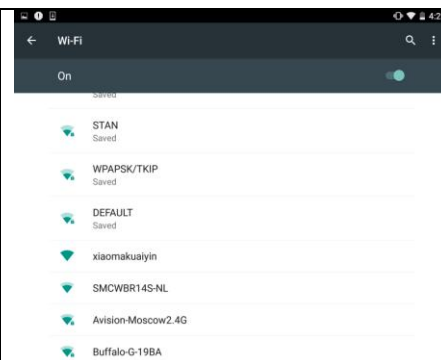
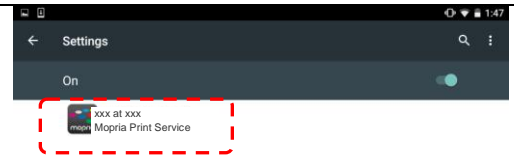2. **Turn Mopria Print Service on.** The device will search available MFPs.

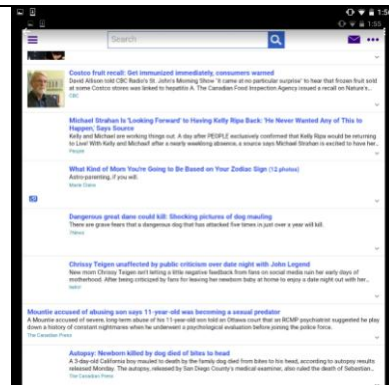|	
On your mobile device, tap **Settings**>**Printing**>**Mopria Print Service** to turn Mopria Print Service on. The Device will search for all available MFPs.	

3. Select your MFP.

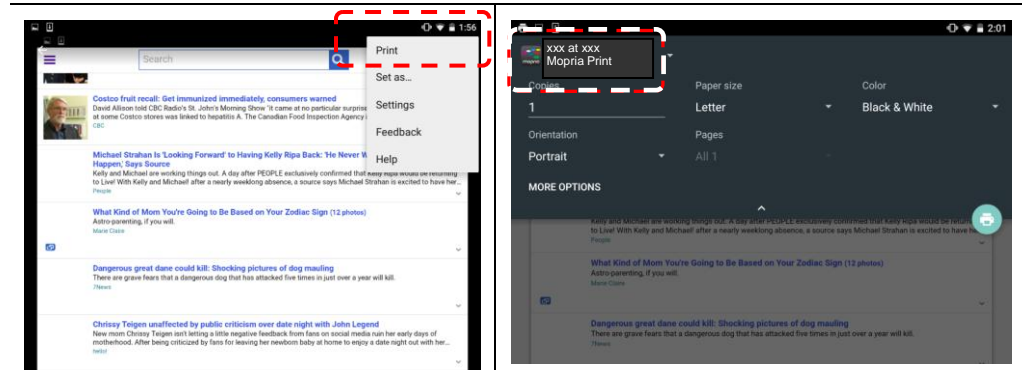| Select [**XXX at XXX**] from the MFP list. (XXX=Modellnummer)	

4. Open the file which you want to print.
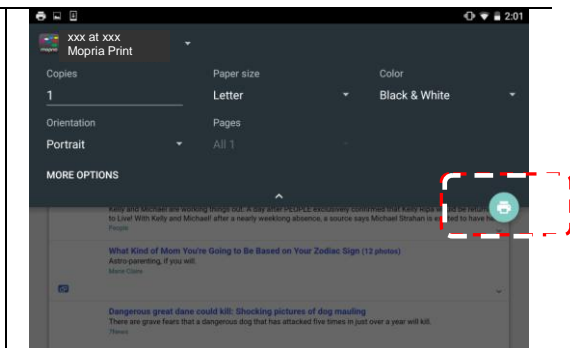
Open the file you want to print.	

5. Choose [**Print**] from the menu and select your MFP.

**6.** Choose print settings and print.

- If you do not need to change print options, tap **Print** to send the print job.

- If you need to change print options, continue to the next section.

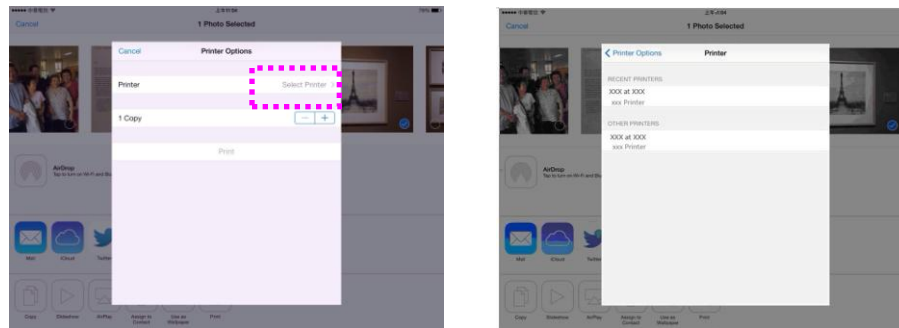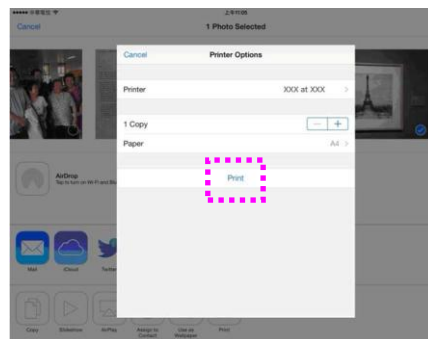# Printing Your File from a iOS Mobile Device

1. Turn on your mobile devices such as iPhone or iPad.

2. Tap 「**Settings**」 and then open Wi-Fi. Select the network same with your MFP.

3. Open the picture or the document that you want to print. Tape the Share icon ( ) and then the print icon ( ).
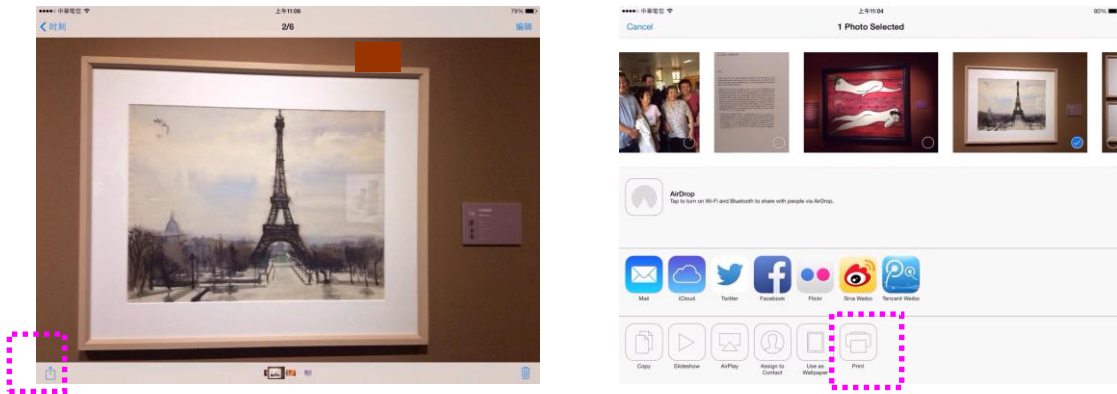
4. Tap [Select MFP] and choose your desired MFP. (xxx=model name)

5. Tap [Print] to start printing.

8. Troubleshooting

Monitoring Your MFP Using MFP Status Monitor

The MFP Status Monitor allows you to monitor your MFP's status, get information on consumable parts, and alerts you when MFP errors occur.

MFP Status Monitor is available when the MFP is connected directly to a host computer via the USB port or a network port.
MFP Status Monitor is installed when you install the MFP driver as described in the preceding section.

Accessing MFP Status Monitor

Double-click the **MFP Status Monitor** icon on the system tray. The following MFP status window appears.

MFP Status Monitor icon
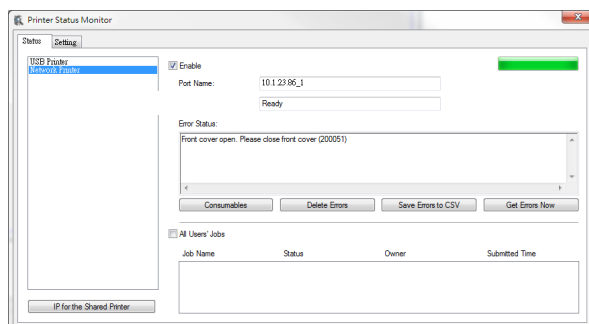
MFP Status Window

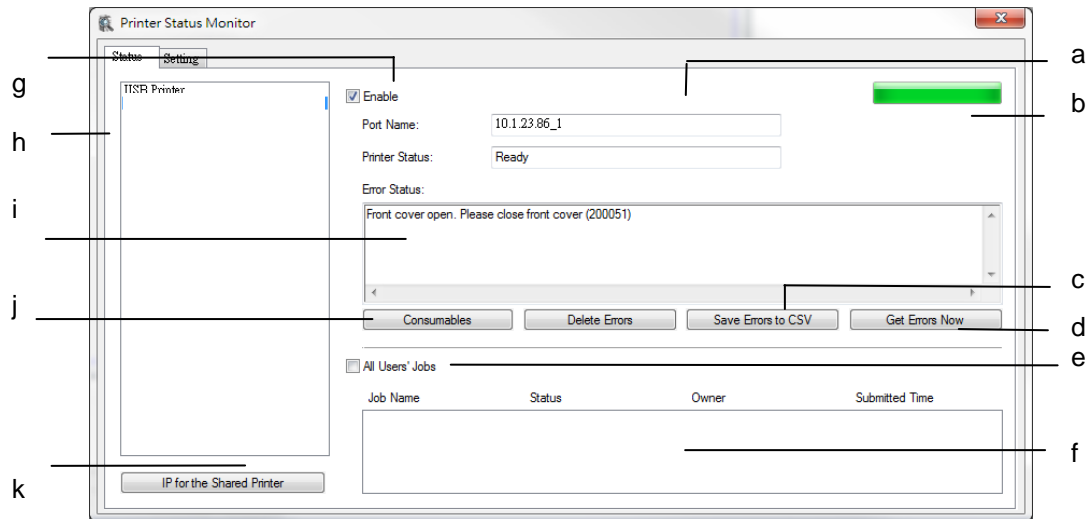## Getting MFP Status Details

You can monitor MFP status and get information on consumable products using the MFP Status Monitor dialog box.

a	Port Name	Port name for the specified MFP.
B	Progress Bar	The progress bar to access the latest data of the specified MFP.
C	Delete Errors	Delete all the error messages.
D	Save Errors to CSV	Save error message to a CSV file.
E	All Users' Jobs	Check the box to show All users' jobs.
F	Job Box	Show all the jobs in queue.
G	Enable	Check the box to enable accessing the status of a specified MFP.
h	MFP	Displays connected MFPs.
I	Text Box	Displays the current status of the MFP.

J Consumables	Click to show the information of the paper tray and the consumables parts such as Drum Unit, Toner Cartridge.
k IP for a Shared MFP	Click here to enter the IP for a shared MFP to get the MFP status.

Setting Monitoring Preferences

To make specific monitoring settings, click the Setting tab on the Avision Status Monitor window.

Language	Displays the language of the window.
Check Device Stastus	
Interval	Define the interval to refresh the MFP error status. Choice: 1, 5, 10 (minute), Custom (1 ~ 1440) minute
Show pop-up Window-error message	Check this box to show the error message.
Show pop-up window-warning message	Check this box to show the warning message.

Clearing A Warning or An Error

If a problem occurs during operation, the Error LED will be flashing to indicate a warning or an error status.   To solve the problem, please refer the following table for more detailed information.

Warning Message

Message	Description or Solution
Toner low (200032).	Toner that remains is lower than 10%. The machine can still perform printing or copying function yet with poor quality.
Drum near end (200043).	Drum that remains is lower than 10%. Call the service personnel to order and replace the drum.
Toner empty (200031)	Toner has run out. Replace a new toner cartridge.
No Drum (200041)	Please install drum and restart MFP.
Drum life ends (200042)	Drum life has been exhausted. Call the service personnel to order and replace the drum module.
Drum type not support (200047)	Drum type not support. Relace the drum unit.
Invalid drum unit (200044, 201504, 201514)	Invalid drum unit. Please replace the drum from the original manufacturer.
Invalid fuser (201502, 201512)	Invalid fuser. Replace the fuser.
Fuser temperapture is too low (200006)	Wait until the temperature rises to the required degrees.
Drum unit changed (200046)	Drum unit has been upgraded. Replace drum unit.
Auto temp. adjustment (200004)	Temperature inside the product is too high. Wait until the temperature rises to the required degrees.

Toner cartridge error. (200036, 201505, 201515	Please replace toner cartridge from the original manufacturer.

Error Message

Error Message and Codes	Possible Causes or Solution
System error	
MFP error. (100111)	Restart MFP. If this error persists, call service personnel for help.
I2C error (100112)	Call service for further help.
MFP module error. Please restart MFP or call service (205000, 205001)	An unexpected error from MFP parts occurs. Restart MFP or call service personnel to replace MFP parts that fail.
Please clean the charger wire (205101).	Please clean the charger wire.
Motor error (000001). Press # button to erase or call service.	When MFP is booted, the scanner and MFP engine Initialization fail. Restart MFP.
Fan fails (200090).	Call service personnel to replace the fan.
Front cover opens (200051).	Please close front cover.
Rear cover opens (200054).	Please close rear cover.
Continue feed error (200000).	Please open front cover to clear the paper and load paper to proper tray.
Fuser error (201600, 201604~5, 201613, 201615~201618, 201621~201623) (201626)	Please restart MFP. If the error persists, call service personnel for help.
Scanner lamp error (940305)	Close the scan module and then restart the MFP. If the error persists, call service personnel for help.
AFE R/W error (940306)	Restart the MFP. If the error persists, call service personnel for help.

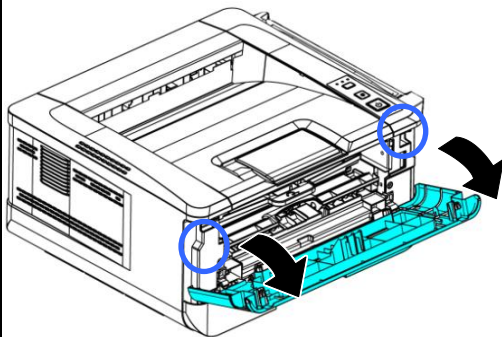|	
Please load paper in manual tray (200080).	Paper empty in the manual tray.
Please check tray 1 (200003).	Pick up error. Paper empty, paper jam, or pickup failed in tray 1.
Please load paper to tray1 (200081)	Tray 1 paper empty.
IP conflict (500000). Please check network settings.	Check your network setting.
DHCP no response (500002). Please check network settings.	Check network settings.
MFP not ready. Try again later.	MFP is busy with current job. Wait until current job is completed.
Buffer full Job abort.	Memory is not enough to process the scanned images.
Buffer full Print scanned images : 1 Cancel job : 2	Memory is not enough to process the scanned images. Press [1] to print the first few images which have not exceeded the memory limit or press [2] to cancel job.
Resetting default settings fails. Please try again later.	Resetting default settings.
Scanner Calibration fails. Please try again later.	Please try again by pressing the Menu button and then choosing System>Management>Calibration.
Reset count fail. Please try again later.	Please try again by pressing the Menu button and then choosing System>Management>Reset count.
Setting fails. Please try again later.	Setting the Menu option fails. Check your setting.

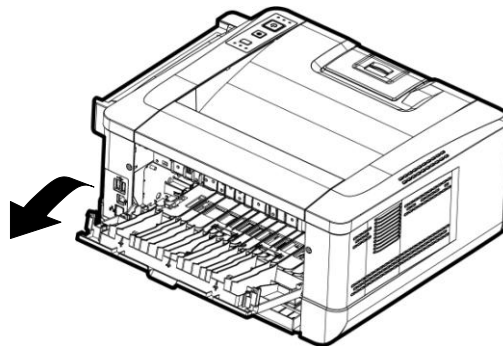| Full page not support N in 1	The Full page feature does not support N in 1 (2 in 1 or 4 in 1).
Custom zoom not support N in 1	The Custom Zoom feature does not support N in 1 (2 in 1 or 4 in 1).

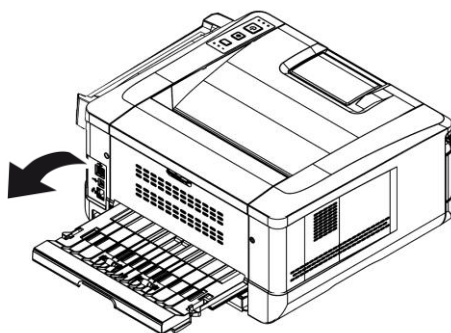| **Paper Jam** |
|---|
| ADF paper jam (002013).
1. Open ADF cover and clear paper.
2. Close ADF cover. |
| Paper jam (200302). Please open front cover and tray 1 to clear jam paper. |
| Paper jam (200324). Please open front cover and tray 1 to clear jam paper. |
| Paper jam (200325). Please open front cover and pull drum unit out to clear jam paper. |
| Paper jam (200326). Please open front cover and pull drum unit out to clear jam paper. |
| Paper jam (200327). Please open front cover and pull drum unit out to clear jam paper. |
| Paper jam (200328). Please open front cover and pull drum unit out to clear jam paper. |
| Paper jam (200329). Please open front cover and pull drum unit out to clear jam paper. |
| Paper jam (200330). Please open front cover and rear cover to clear jam paper. |
| Paper jam (200331). Please open front cover and rear cover to clear jam paper. |
| Paper jam (200332). Please open front cover and rear cover to clear jam paper. |
| Paper jam (200333). Please open front cover and rear cover to clear jam paper. |
| Paper jam (200334). Please check duplex tray. |
| Paper jam (200335). Please check duplex tray. |
| Scan Module Paper jam (940304). Open the scan module and remove the jammed paper. |

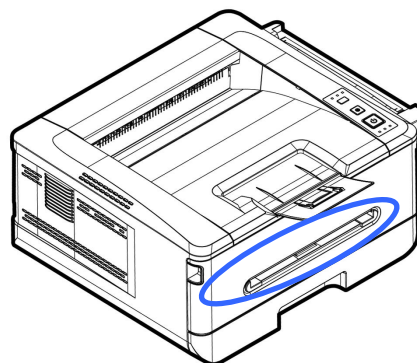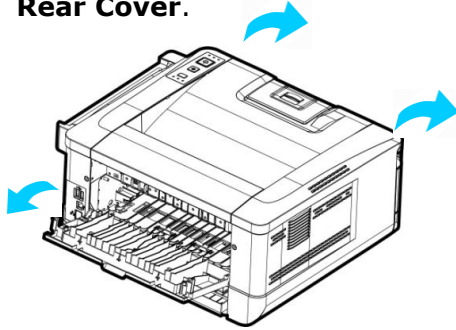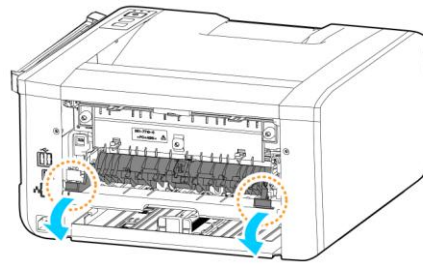| Locations of the Jammed Paper	
Front Cover: Open the front cover by pulling the handles of the front cover on both sides as illustrated. 	**Rear Cover**: Open the rear cover by pulling the handle of the rear cover as shown.
Duplex Tray: Pull the duplex tray beneath the rear cover out of the main unit. 	**Manual Tray**: Open the manual tray by grasping the handle and pull it down.

Fuser:

The area around the fuser is hot. To avoid a burn injury, be careful not to touch the fuser until it cools down and follow these steps to remove the jammed paper:
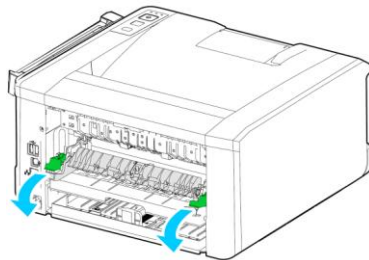
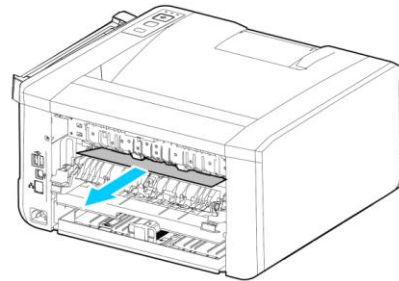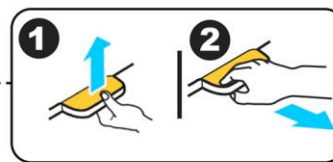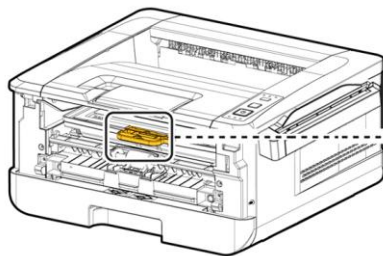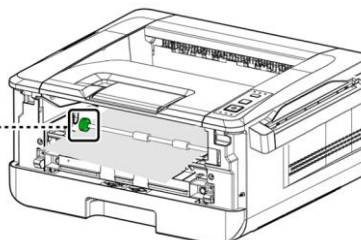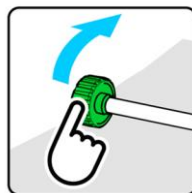|	
1. Open the **Front Cover** and the **Rear Cover**.	**2.** Pull down the **Fuser Path** as indicated.
3. Pull down the **Release Arm** on both sides.	**4.** Slowly remove the jammed paper.

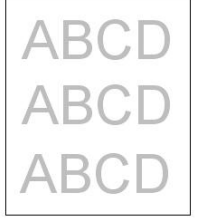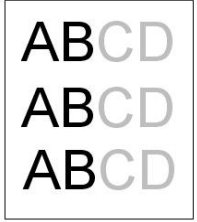**5.** If there is difficulty to pull off the jammed paper, remove the MFP cartridge first.

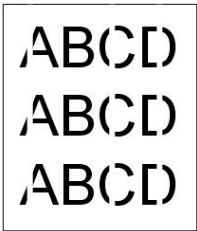**6.** Rotate the Release Wheel to slowly pull out the jammed paper.

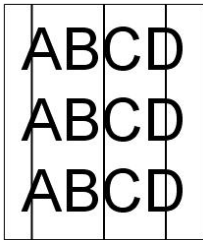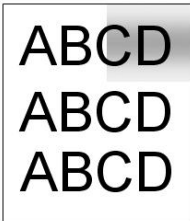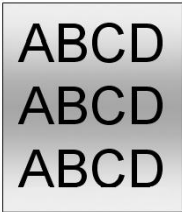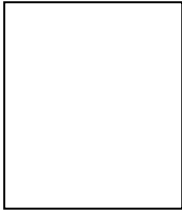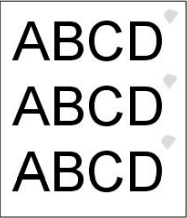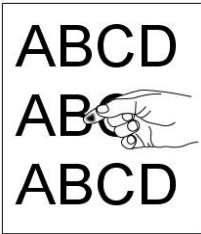| Error Message and Codes	Possible Causes or Solution
Runtime error	
Error (Number).	Restart MFP. If this error persists, call service personnel for help.
201516	Write Data Smaller Error -Engine
201631	Black LPH Type Error
201632	Red LPH Type Error
201610	MFP LPH Error，LPH cable connection fails.
201650	MFP runtime error.
201651	Firmware error.
201701	MFP MB NVRAM：reading error
201702	MFP MB NVRAM：writing error
201703	MFP MB NVRAM：reading error while comparing
201704	MFP MB NVRAM：comparing error
201711	MFP Drum Unit NVRAM：reading error
201712	MFP Drum Unit NVRAM：writing error
201713	MFP Drum Unit NVRAM：reading error
201714	MFP Drum Unit NVRAM：comparing error
201721	MFP Toner NVRAM：reading error
201722	MFP Toner NVRAM：writing error
201723	MFP Toner NVRAM：reading error while comparing
201724	MFP Toner NVRAM：comparing error
201730	MFP uses wrong NVRAM Address.
300100	MFP API_NVRAM_RW_TEST_FAIL
300101	MFP API_NVRAM_WRITE_FAIL
300102	MFP API_NVRAM_READ_FAIL
300200	MFP Flash Error
300201	MFP FLASH_BLOCK_ERASE_FAILED

300202	MFP FLASH_CHIP_ERASE_FAILED
300203	MFP FLASH_PROGRAM_FAILED
302651	Network_INIT_FAIL , network initialization fails.

Image Problem Troubleshooting

Problem	Image Example	Solution
Paper curls		1. Use paper of standard weight: If you are using thin paper, try to use paper of standard weight (70 g/m^2). 2. Use paper with less moisture: Load the paper to the paper tray immediately after removing them from the packaging. Seal the remaining paper with the original packaging to keep from the moisture absorption.
Light print(entire page)	ABCD ABCD ABCD	1. Make sure that the toner cartridge is fully installed. 2. Make sure that the Toner Save setting is turned off in the MFP driver. 3. Try using a different type of paper. 4. The toner cartridge might be almost empty. Replace the toner cartridge.
Light print(partial page)	ABCD ABCD ABCD	1. Make sure that the toner cartridge is fully installed. 2. The toner level might be low. Replace the toner cartridge. 3. The paper might not meet the MFP's specifications (for example, the paper is too moist or too rough).

Vertical white lines		Call the service personnel for help.
Vertical black lines	ABCD ABCD ABCD	Please clean the EP charger according to the procedure described in this manual (p. 102).
Dirty background(pa rtial page)	ABCD ABCD ABCD	Check if toner is not leaked from the toner cartridge. If so, replace the toner cartridge.
Dirty background (entire page)	ABCD ABCD ABCD	1. The paper might not meet the MFP's specifications (for example, the paper is too thin). 2. Check if there is enough toner in the toner cartridge. If not, please replace toner cartridge. 3. Call the service personnel for help.
Print blank page		Check if there is enough toner in the toner cartridge. If not, please replace the toner cartridge. If this error happens again, call service for help.

Defective image of regular interval	ABCD ABCD ABCD	1. Use a clean and soft cloth to wipe the off the dust or particle on the drum unit. (See page 98) 2. If the error occurs again, contact the service personnel.
Loose toner	ABCD AB ABCD	1. If you have observed a rougher texture on one side of your paper, try printing on the smoother side. 2. The paper might not meet the MFP's specifications (for example, the paper surface is not smooth or paper too thick). 3. Media type incorrect. Please choose proper media type for your paper.

TECHNICAL SUPPORT

If your problem still exists after trying the above solution, please contact our technical support.

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9. Maintaining the Product

Calibrating the Scan Module

Calibrate only if the scanned image looks fuzzy, the color looks abnormal (e.g., darker than normal), after more than 8,000 scans, or the scanner has been stored without use for a long time. The calibration process resets the Contact Image Sensor to resume its color and sharpness precision.

1. Turn on the product.

2. Press and hold the mode button ( ) for over 5 seconds, the tool LED light will be solidly lit.

3. Press the power button ( ), the tool LED light will be flashing 2 times repeatedly, indicating that the calibration mode is ready.

   (Flashing 2 times repeatedly)

The product then waits for 30 seconds to load the calibration chart. When it is timeout, the product returns to ready status.

4. Remove the calibration sheet from the plastic bag.

5. Hold the edges of the calibration sheet and insert it to the feeder of the scanner as shown.

Hold the calibration sheet Only, and do not touch the white area.

Calibration Sheet

Important: Hold the calibration sheet Only, and do not touch the white area.

---

6. The calibration sheet will be feeding into the scan module indicating the calibration is undergoing. The [**tool**] LED light will be flashing.

7. After calibration has been completed, the [**tool**] LED light will be extinguished indicating the calibration is successfully completed.

Warning:

- Do not interrupt the calibration sequence or try to shut off the device while it is calibrating. If you stop the calibration before it has completed, a calibration error may occur. As a result, when you next power up the unit, an error message may be displayed, and you will have to power off the unit and repeat the instructions in this section.

- Calibrate the scanner only when color of the scanned image looks abnormal.

- Keep the calibration sheet from dust and debris.   Any dirt may make the calibration chart invalid or impact the calibration result.

- Use only the included calibration sheet to calibrate the scanner.

Using the Clean Mode

From time to time, the Feeding Rollers may be contaminated with ink, toner particles, or paper dust. In this case, the paper may not be fed smoothly. Please follow the following steps to clean the feeding rollers to ensure the best of the scanner.

1. Open the feeder of the scan module.

2. Soak a clean cloth with some isopropyl alcohol (95%). If accidentally use too much alcohol, be sure to wring out the damp cloth.

3. Wipe the rollers from left to the right and also wipe the glass.

a: Roller/b: Glass

4. Press and hold the mode button ( ) for more than 5 seconds, the tool LED light will be lit in solidly green.

5. Press the mode button ( ), the tool LED will be flashing three times repeadedly.

6. Press the mode button ( ), the rollers will move forward a little bit automatically.

7. Repeat step 3 and 4 for several time until the surface of the rollers have been completedly cleaned.

8. Press the cancel button to complete and resume the product to ready status. The tool LED light will be extinguished.

Cleaning the Paper Path

1. Refer to the preceding section to remove the Toner Cartridge.

**2.** Check if there is paper dust on the Paper Path.   If so, remove the dust.

Paper Path
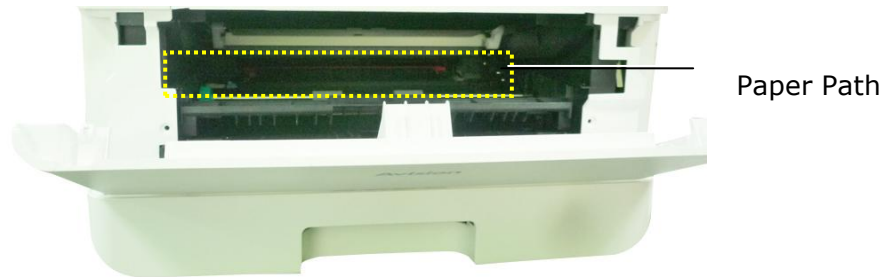
Cleaning the IR Sensors

If too much paper dust or dust accumulates on the IR sensors, it may cause the misjudgment of paper jam. For example, there is error code of paper jam occurs yet in fact no jammed paper found inside the MFP. In this case, please clean the IR sensor according to the following steps. If the problem persists, the sensors are probably malfunctioning. Please contact the service personnel to replace the sensor.

1. Refer to the preceding section to remove the Toner Cartridge.

2. Moisten a clean, soft cloth with 95% alcohol.

3. Wipe the area near the sensors as indicated.
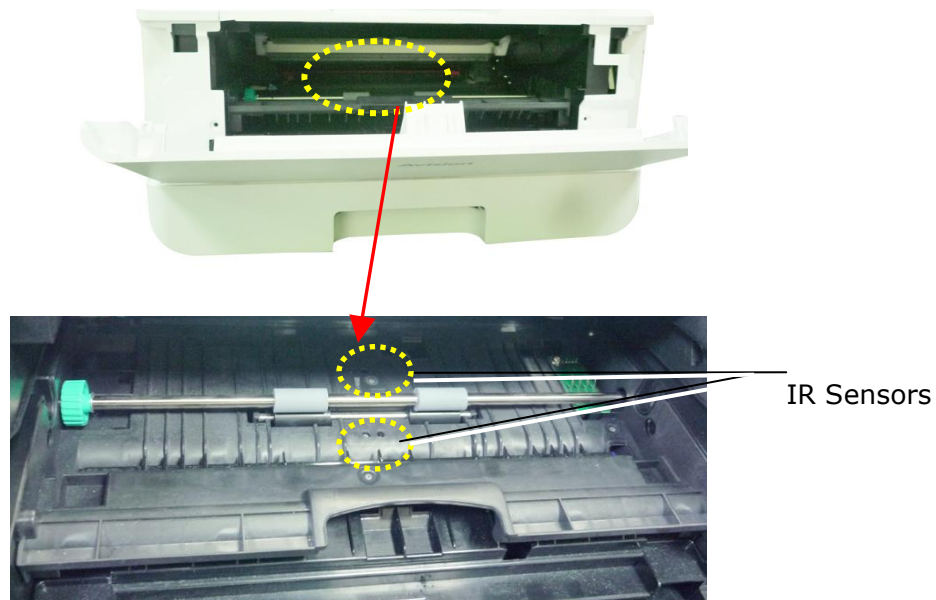
IR Sensors

Cleaning the Paper-In Sensors

If too much paper dust or dust accumulates on the Paper-in sensors, it may cause the misjudgment of paper jam. For example, there is error code of paper jam occurs yet in fact no jammed paper found inside the MFP. In this case, please clean the Paper-in sensor according to the following steps. If the problem persists, the sensors are probably malfunctioning. Please contact the service personnel to replace the sensor.

1. Turn off the power.

2. Remove the Paper Tray.

3. Moisten a clean, soft cloth with 95% alcohol.

4. Wipe the Back of the sensor board as indicated.
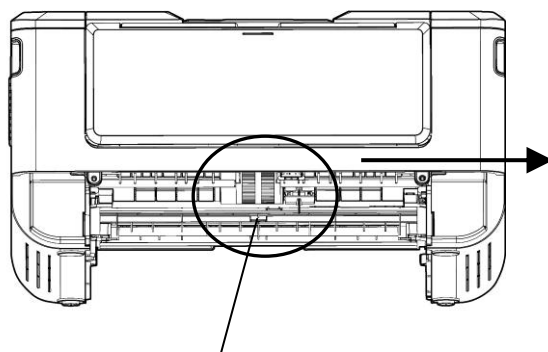
Wipe the Back of the sensor board

Pickup Roller
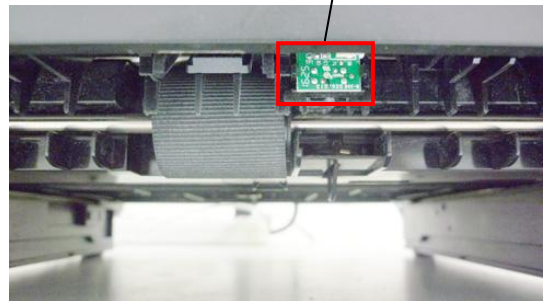
⚠️ **Important!**

Before cleaning the paper-in sensor, make sure the power has been turned off and avoid touching the sensor board in case the components of the circuit board may be damaged.

Cleaning the Pad in the Cassette

If the Pad in the Cassette is smeared with paper powder or dirt or every 30K copies, paper may not feed smoothly or noise occurs during paper feeding.   Follow the procedure below to clean the Pad in the Cassette.

You need to prepare: cotton swab

1.   Remove all paper in the cassette.

2.   Moisten a cotton swab with isopropyl alcohol (95%). If accidentally use too much alcohol, be sure to wring out the damp cloth

3.   Clean the rubber part of the pad.
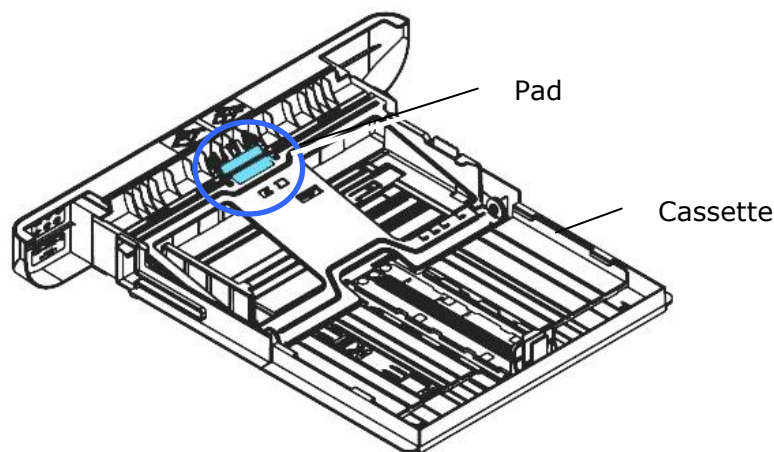

| ⚠	**Important:**
	After cleaning the smeared Pad, dry it completely.

Cleaning the Drum Unit

If the drum unit is smeared with paper powder or dirt, the print out may appear defective image of regular interval.   Follow the procedure below to clean the drum unit.

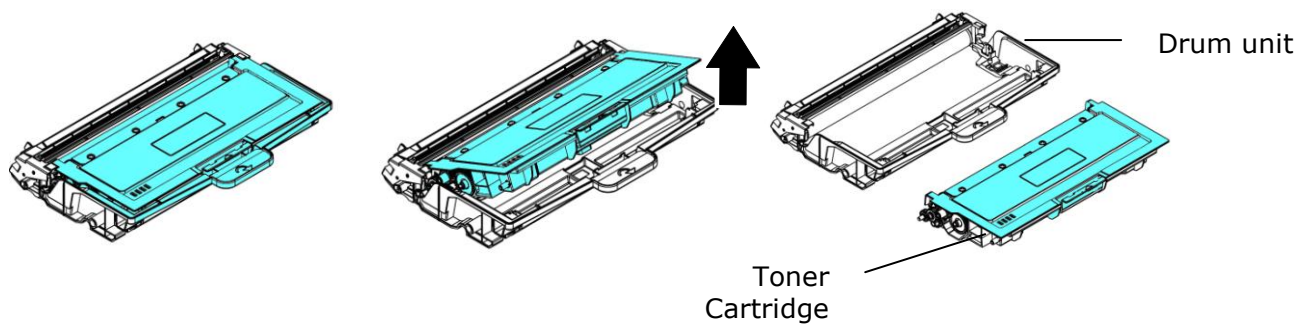**1.** Turn off the power and remove the power cord from the power outlet.

2. Open the front cover by pulling the handles on both sides as shown.
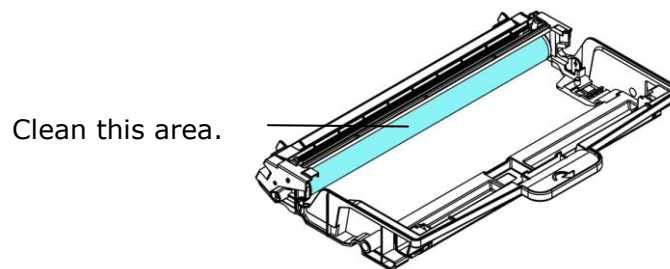

3. Lift the handle of the drum unit and toner cartridge assembly and gently remove the assembly.
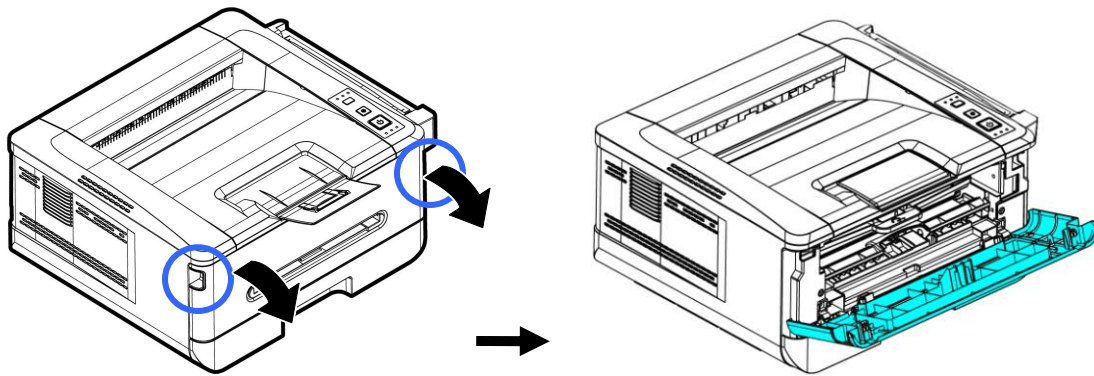
4. Remove the toner cartridge from the drum unit as shown.
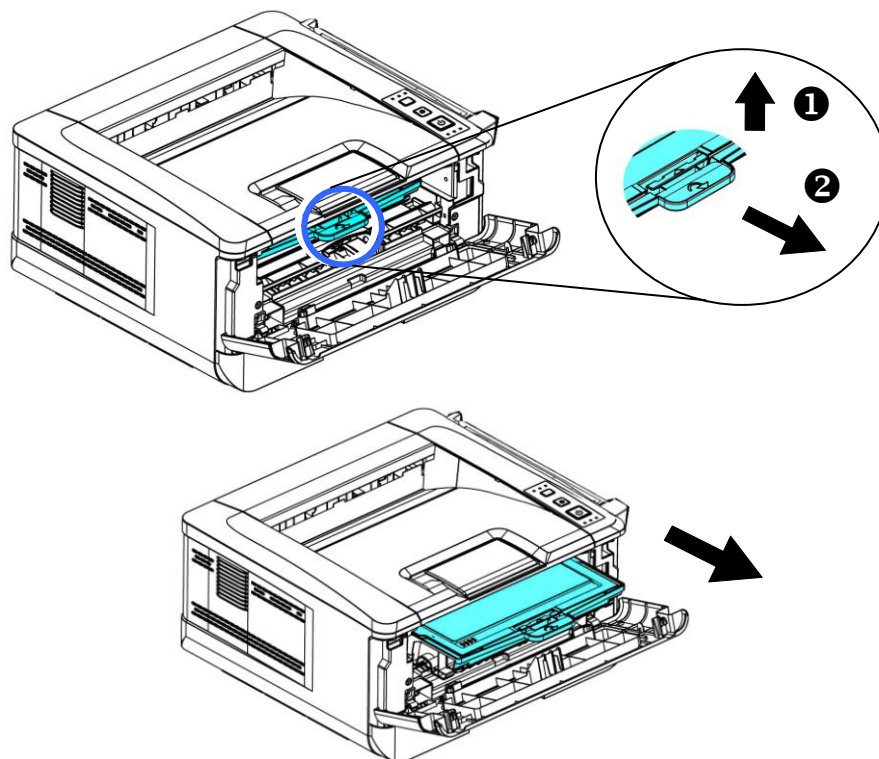
Drum unit

Toner
Cartridge

5. Clean the drum unit with a clean and soft cloth.

Clean this area.

Replacing the Toner Cartridge

The toner cartridge that comes with the product needs to be replaced after printing approximately 3,000 pages. When the toner cartridge is running low, you will be prompted with a [**Toner Low**] message through the MFP monitoring program – [**Avision Status Monitor**]. Buy a new toner cartridge and have it ready before you receive [**Replace Toner**] message.
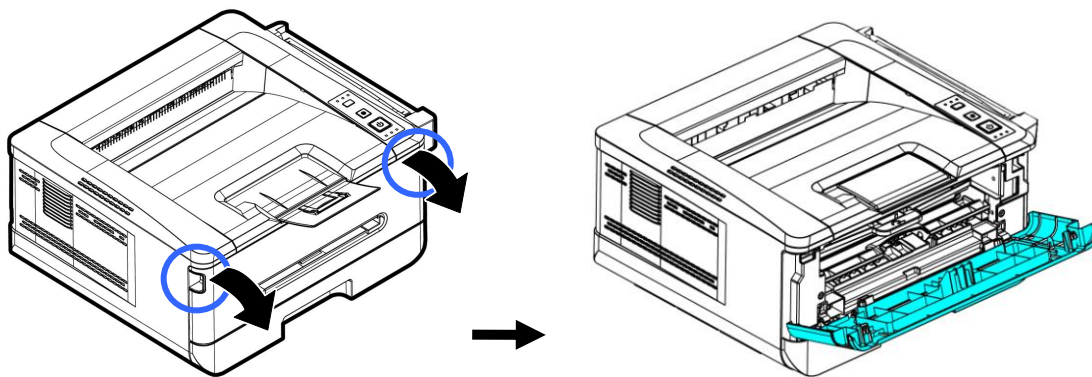
> **Note:**
> The drum unit and the toner cartridge are two separate parts.

Follow these steps to replace the toner cartridge：
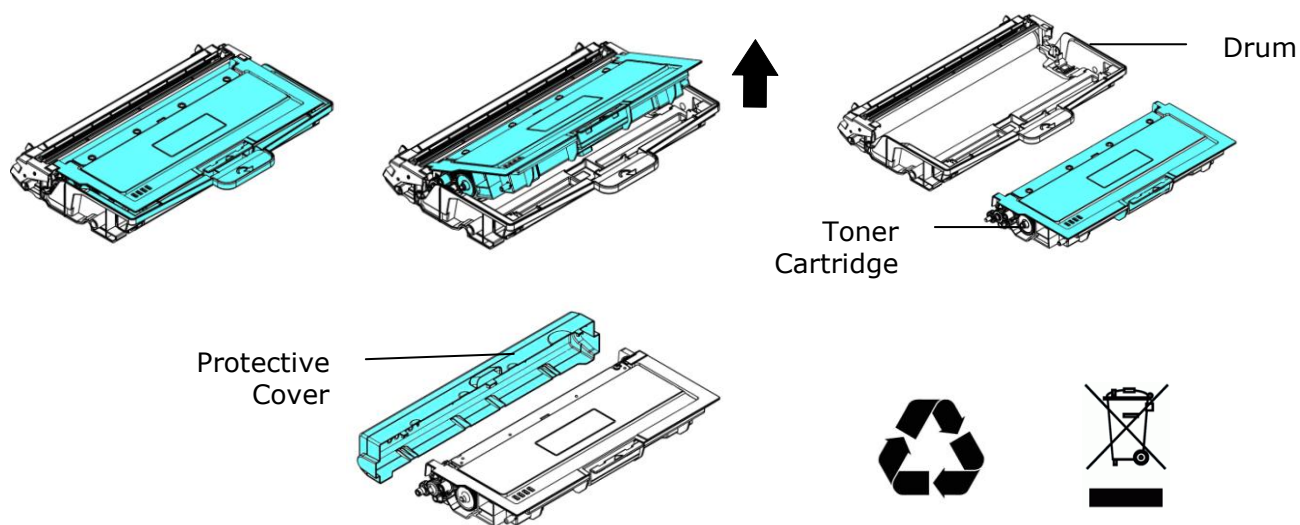
Removing the Toner Cartridge

1. Turn off the power and remove the power cord from the power outlet.

2. Open the front cover by pulling the handles on both sides as shown.

3. Lift the handle of the drum unit and toner cartridge assembly and gently remove the assembly.

4. Remove the toner cartridge from the drum unit as shown.

Drum
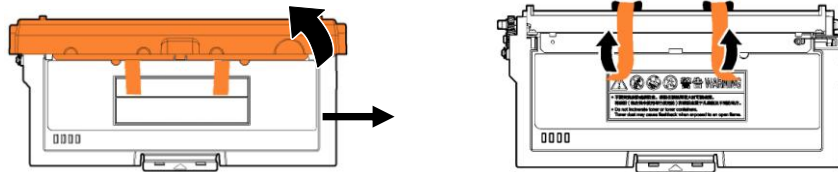
Toner
Cartridge

Protective
Cover
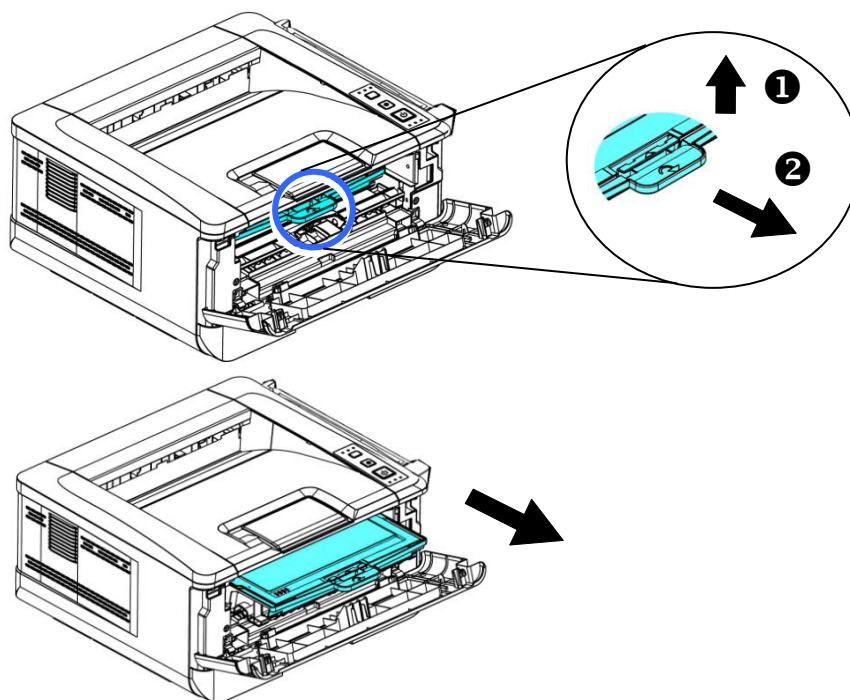
| ⚠	**Important!**
	Do not dispose of the toner cartridge. Put the used toner cartridge into the bundled plastic bag, and then return it to a dealer or service representative. The latter recycles or deals with the collected toner cartridges in accordance with the relevant regulations.

Installing the Toner Cartridge

1. Unpack the new toner cartridge、and remove the protective cover and tape.

2. Tilt the new toner cartridge up and down and then right and left 10 times to distribute the toner evenly inside the toner cartridge.
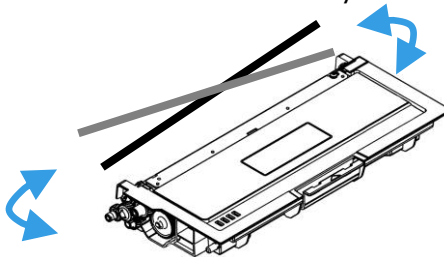
3. Install the new toner cartridge to the drum unit.
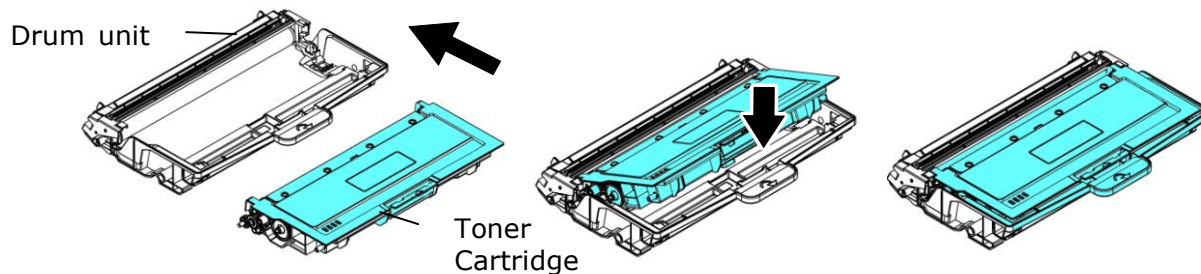
Drum unit

Toner Cartridge

⚠️ **Warning!**
- Be careful not to inhale toner.
- To avoid print quality problems, DO NOT touch the toner rollers.
- If toner gets on your clothing or other fabric, wipe off the toner with a dry cloth. Wash the items in cold water and air dry.
- To prevent the toner cartridge from damage, do not expose it more than several minutes.

4. Clean the corona wire inside the drum unit by gently sliding the tab from left to right and right to left for several times. (After the toner cartridge has been used for a period of time, some amounts of toner may remain on the corona wire.)
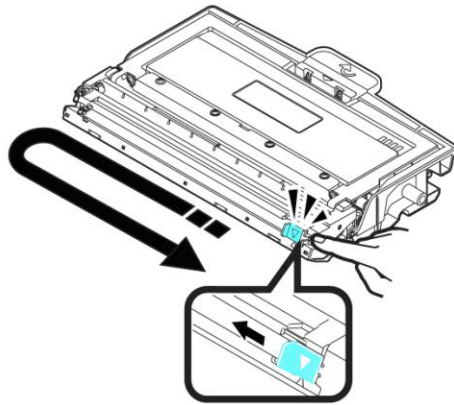
Note:

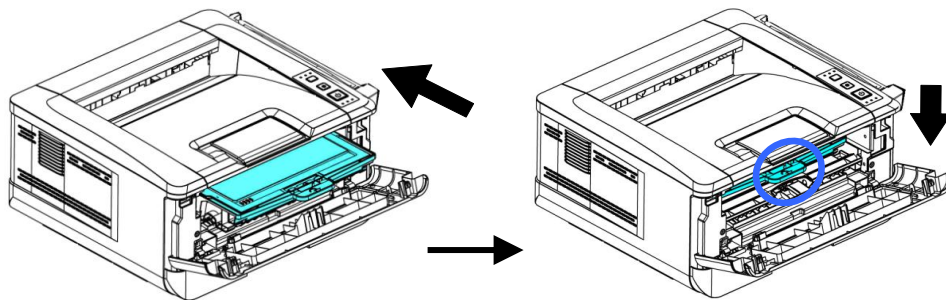Be sure to return the tab to the Home position (▲). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

5. Hold the handle of the toner cartridge assembly and insert the toner cartridge assembly to its original place. Press the handle to fix it firmly in place.

6. Close the front cover.

Replacing the Drum Unit

The drum unit that comes with the product needs to be replaced after printing approximately 12,000 pages. When the drum unit is running low, you will be prompted with a [**Drum Unit Low**] message through the MFP monitoring program – [**Avision Status Monitor**]. Buy a new toner cartridge and have it ready before you receive [**Replace Drum Unit**] message.

Follow these steps to replace the toner cartridge：

Removing the Drum Unit and the Toner Cartridge Assembly

1. Turn off the power and remove the power cord from the power outlet.

2. Open the front cover by pulling the handles on both sides as shown.
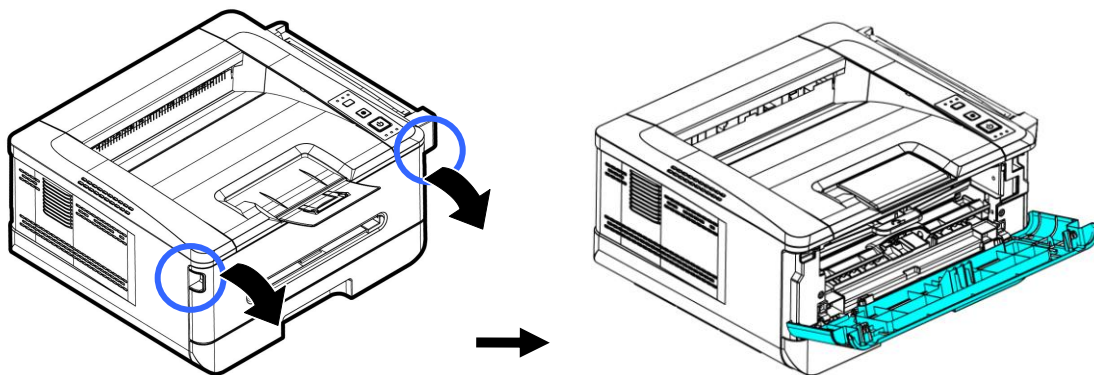
3. Lift the handle of the drum and the toner cartridge assembly and gently remove the assembly.

4. Remove the toner cartridge from the drum unit as shown.
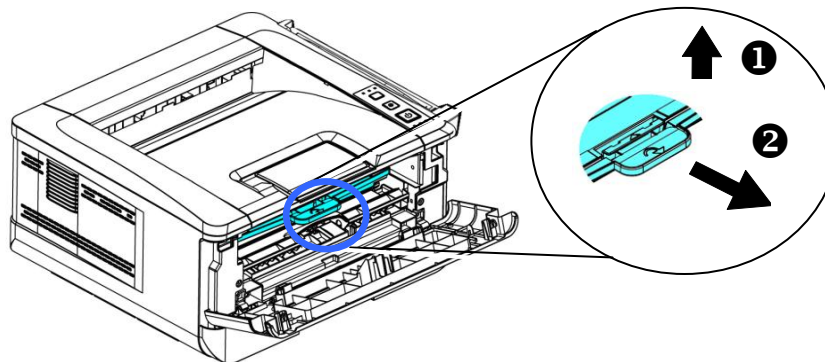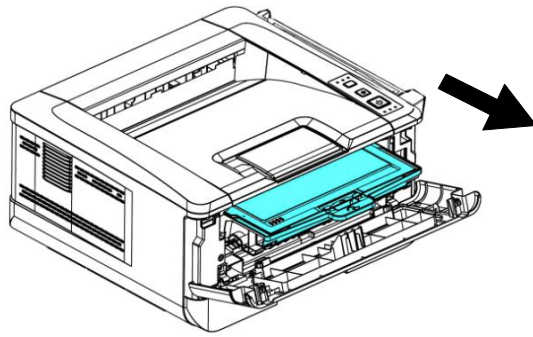
Drum unit
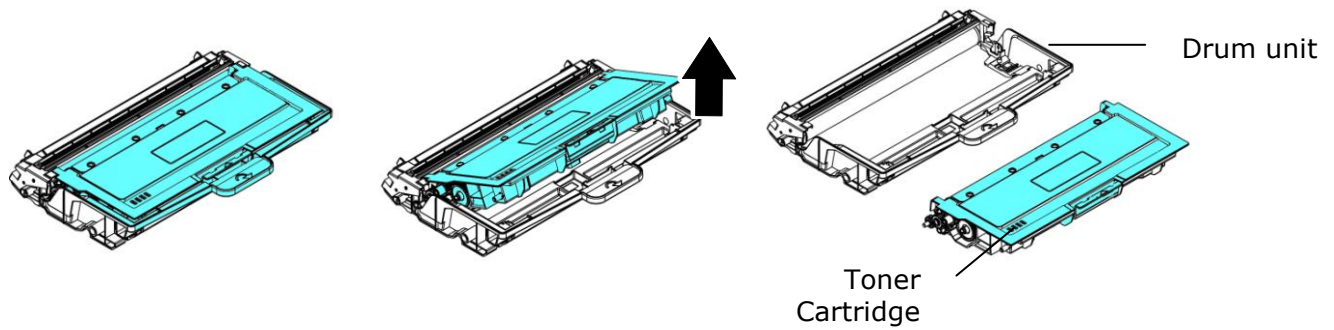
Toner
Cartridge

Installing the Drum Unit

1. Remove the protective film and the label in the center of the drum unit. Be sure not to touch the drum during unpacking. Your finger print may affect the print quality.

Black Film

Label

2. Install the toner cartridge to the new drum unit.
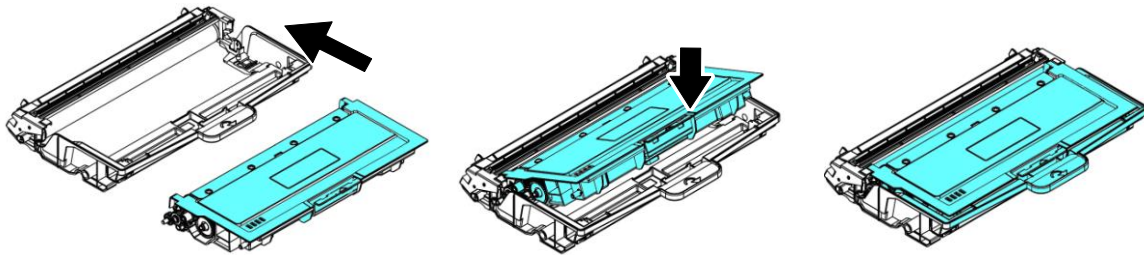
3. Hold the handle of the toner cartridge and insert the toner cartridge to its original place. Press the handle to fix it firmly in place.
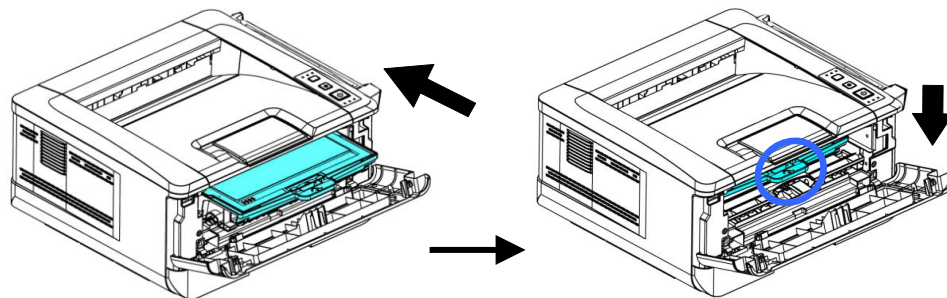
📝 **Note:**

- If toner gets on your clothing or other fabric, wipe off the toner with a dry cloth. Wash the items in cold water and air dry.

- Do not dispose of the toner cartridge. Put the used toner cartridge into the bundled plastic bag, and then return it to a dealer or service representative. The latter recycles or deals with the collected toner cartridges in accordance with the relevant regulations.

4. Close the front cover.

10. Specifications

All specifications are subject to change without notice.

General		
Regulatory model number		AXH2030, AXH2030N, AXH2030NW
Processor		500MHz
RAM		512M
Flash Memory		512M
Max media size		Legal size
Resolution		600 × 600 dpi
Printing speed		30 ppm
First print out time		
From Ready Mode		9.5 seconds (A4 SEF)
From Sleep Mode		14 seconds (A4 SEF)
Warmup Time		< 9 seconds
Recommended monthly print volume		1,500 pages
Maximum monthly print duty cycle		15,000 pages
Manual tray	**Paper capacity**	1 page（70 g/m² plain paper）
	Paper size	A4, A5, A6, B5 (JIS), B6 (JIS), Executive, Letter, Legal customized size:76.4 x 135 ~ 216 x 356 mm
	Paper weight	60~163 g/m²
Tray 1	**Paper capacity**	250 pages（70 g/m² plain paper）
	Paper size	A4, A6, B5 (JIS), B6 (JIS), Executive, Letter, Legal customized size:76.4 x 135 ~ 216 x 356 mm
	Paper weight	60~105 g/m²
Paper output		Top output

Paper output capacity		150 pages
Duplex printing unit		Build-in
Duplex print	**Paper size**	A4, Letter, B5 (JIS)
	Paper weight	60~105 g/m² (16~28 lbs)
Connectivity		USB2.0，10/100Mbps Ethernet Wi-Fi (For the model includes Wi-Fi module)
MFP language		GDI
Supported operation system		Windows 7, Windows 8, Windows 10 <=Mac OS 10.11
Dimemsion (WxDxH)		404 x 380 x 204 mm
Weight		Approx. 8 kg
Power source		110~127Vac,50/60Hz,9.0A 220-240Vac, 50/60Hz, 4.5A
Power consumption		< 1.5kw
Operation Environment	**Temperature**	10°C~32°C
	Humidity	15%~80%（no dew）
Product Lifecycle		
MFP life		5 year or 60,000 pages
Toner Cartridge		700 pages (ISO19752) (Standard) 1,500/3,000 pages (Optional)
Drum Unit		12,000 pages
Fuser		60,000 pages
Copy Function		
Max. Copy Size		216 x 297mm
Min. Copy Size		76 x 127 mm
Copy resolution		600 x 600dpi
Muliple Copies		Yes

Wi-Fi Spec.

Model: CF-WU810N

Main Chipset	RTL8188EUS
Host interface	USB 2.0
Frequency Range	2.412~2.484 GHz
Wi-Fi Standard	IEEE 802.11b IEEE 802.11g IEEE 802.11n
Transmit Speed	11b: 1/2/5.5/11 Mbps 11g: 6/9/12/24/36/48/54 Mbps 11n: 150 Mbps
Transmit Power	Max. 18 dBm
Security	WPA-PSK/WPA2-PSK WPA/WPA2 WEP
Operating System	Windows XP/Vista/7/8/8.1/10 (32/64 bit) Max OS 10.6 ~10.11 Linux Kernel 2.6.18~3.10