

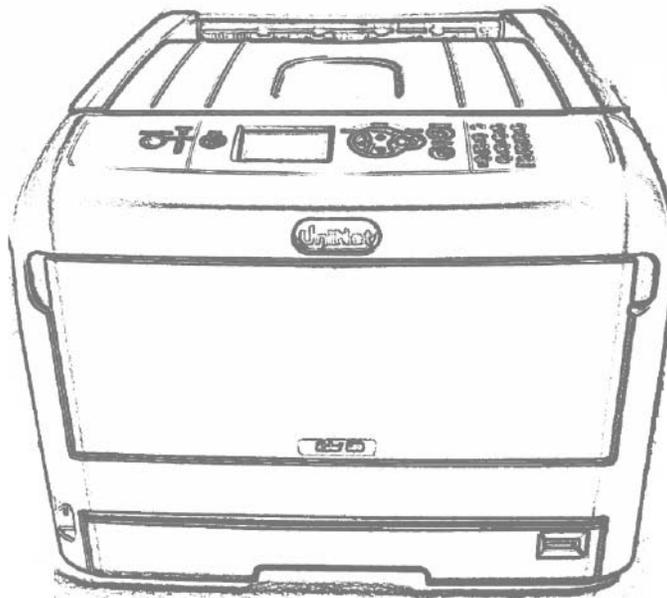
# UniNet<sup>®</sup>

# iColor<sup>®</sup>

PRINTING SOLUTIONS

PRINT ON DEMAND  
ANY JOB | ANY SIZE | ANY TIME

## iColor<sup>®</sup> 600 A3 / Tabloid Digital Color + White Transfer Media Printer User Manual





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Refer to the included Flash Drive or CD with your printer for in depth instructions

August 2016 Edition – A newer version of this manual may be available at [www.icolorprint.com/support](http://www.icolorprint.com/support)



## iColor® 600 Tabloid Digital Color + White Transfer Media Printer

The iColor® 600 printer has been developed to produce high-quality color prints with the added functionality of printing in white as a spot color, underprint or overprint in one pass with the included iColor Transfer RIP Software.

Please follow the enclosed quick setup guide to get started. The standard user manual (provided on CD enclosed) will provide detailed instructions for full printer functionality. The iColor® 600 comes complete with 4 toner cartridges for full color with white printing (CMYW), as well as a true black printing kit (toner and drum combination). Just quickly swap the white for black when true black is needed. With the white cartridge installed, black is produced using composite black (made from CMY).

You will also have the option to add our full fluorescent kit which comes complete with 3 [CMY] toner cartridges and matching drum units. This system requires no additional software or expertise to print conventional CMYK images in vivid fluorescent color that glow under black (UV) light.

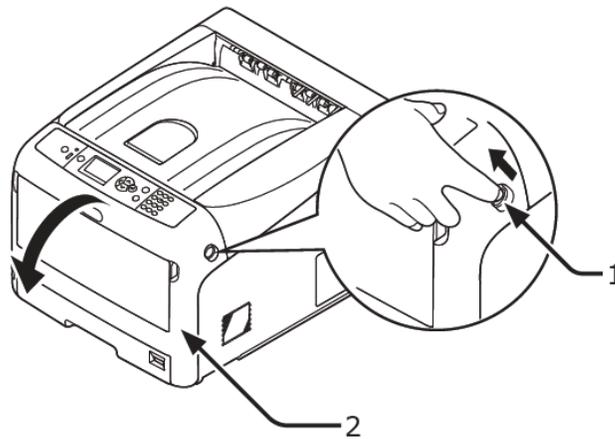
Please note that vector and line art images, including text, are likely to produce the best results. For exciting design ideas and suggestions for using the iColor® 600 for maximum effect, please visit our website at [www.iColorprint.com](http://www.iColorprint.com).

## Installing Consumables

- 1 Insert your finger into the recess on the right side of the printer and pull the front cover open lever (1) to open the front cover (2) forward.

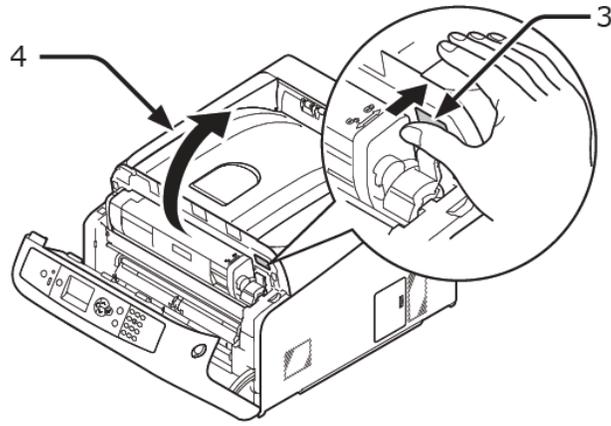
**! Note**

- Open the front cover gently. If opening rapidly, an MP tray may open.

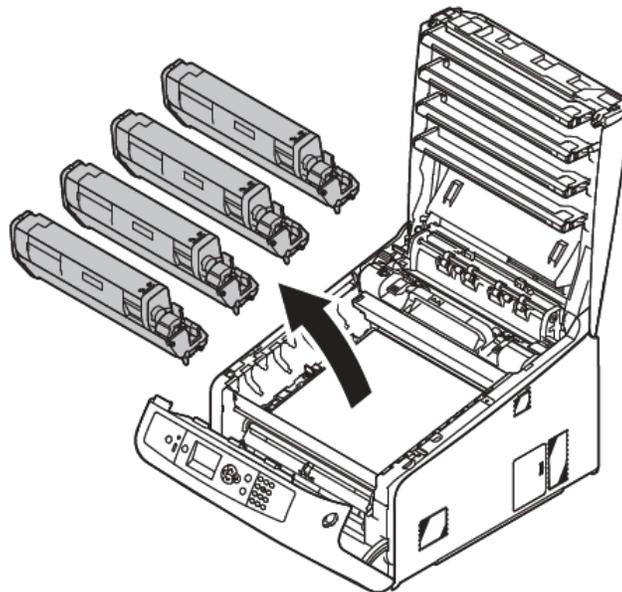


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- 2 Press the top cover open button (3) and open the top cover (4).

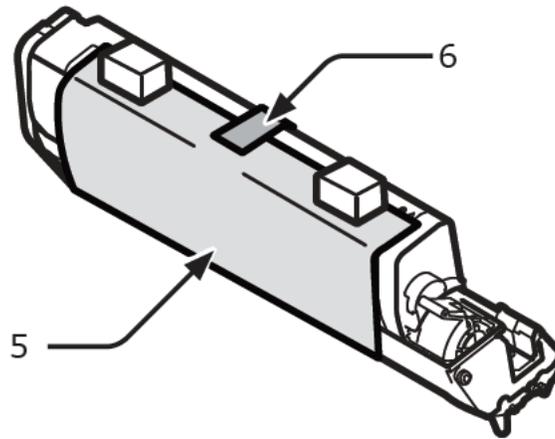


- 3 Take out all four image drums from the printer.



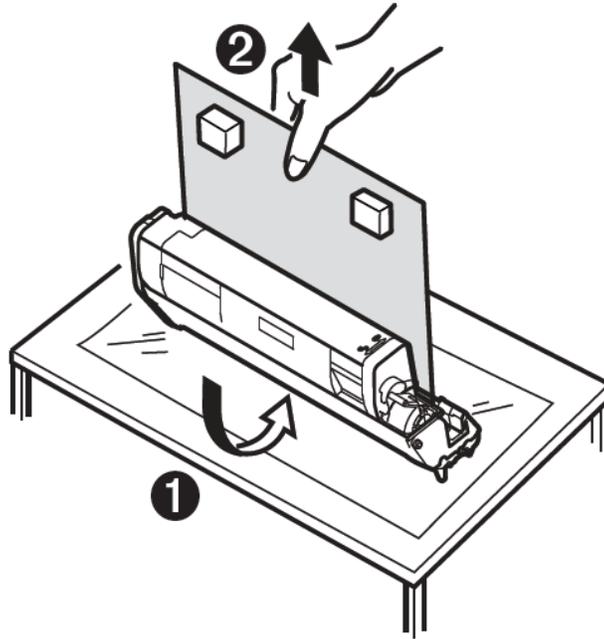
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- 4 Remove the protective sheets from four image drums.
  - (1) Place an image drum on a newspaper. Remove a tape (6) stuck on a protective sheet (5) and open it.



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- (2) Pull out a protective sheet to the direction of the arrow.

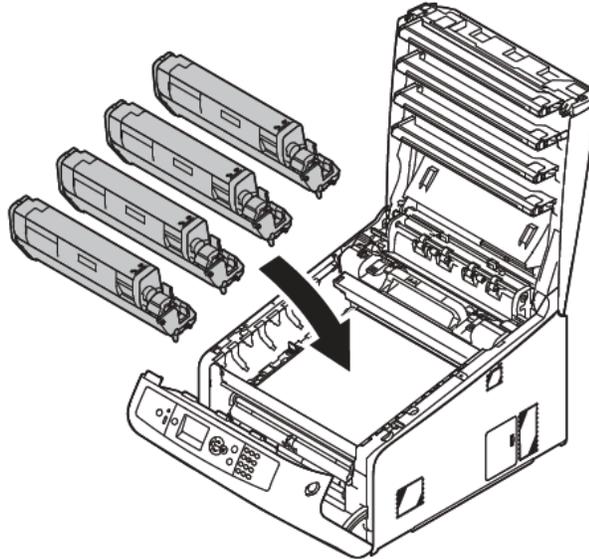


**! Note**

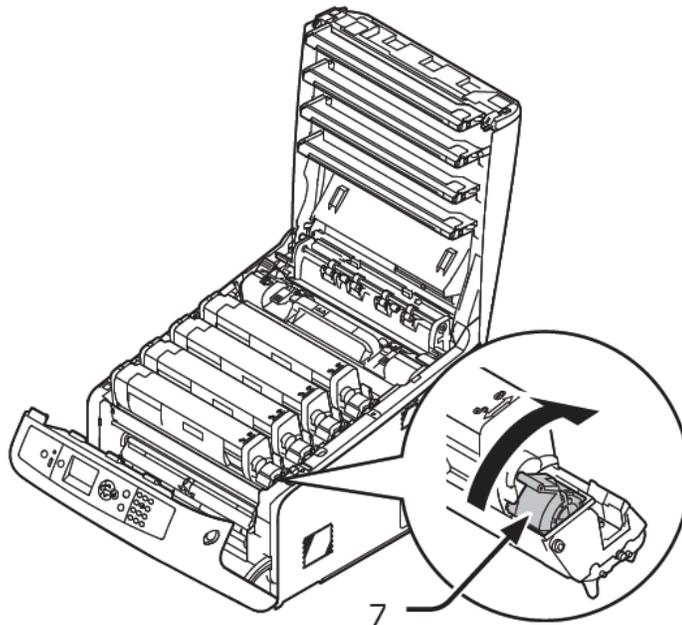
- Do not turn the blue lever of the toner cartridge.

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- 5 Put all four image drums back into printer.



- 6 Turn the blue lever (7) of the toner cartridge in direction of the arrow fully. Turn the levers of all four 4 toner cartridges.



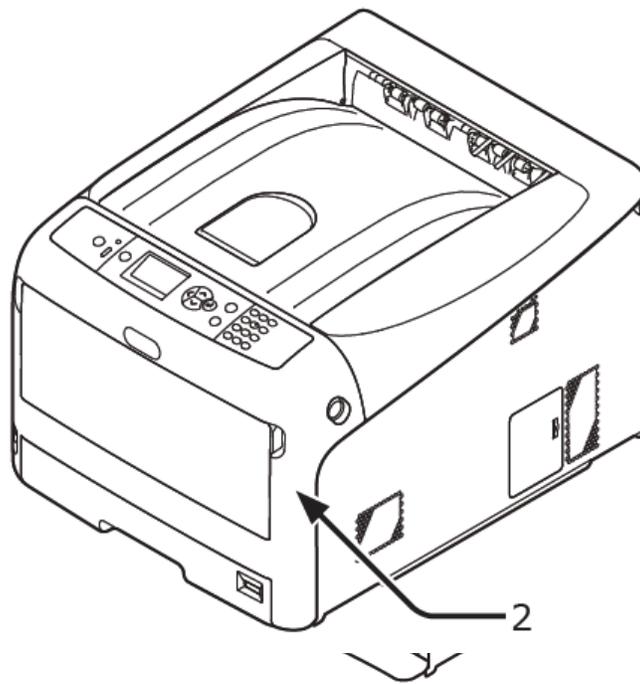
# UniNet<sup>®</sup>

NOTE: The white cartridge that came preinstalled in your machine is already in the locked position. Just remove the protective covering but it is not necessary to move the blue handle. It is also necessary to remove the fuser lock. Consult the full user manual on the Flash Drive or CD that shipped with your printer for full details.

## 8 Close the front cover (2).

### ! Note

- The front cover cannot be closed securely if the top cover is not closed.
- When the error message that the top or front cover is open does not disappear from the operator panel's display screen, make sure they are closed securely.





# Installing iColor® 600 printer on a PC

These instructions are for Windows 7 via USB cable, others are similar. You must have Administrator privileges on the computer.

1. Unpack the printer according to the Set-up Guide. **Do not turn it on or connect it to the computer until the install program asks you to do so.**
2. Put the installation DVD into the drive and setup should automatically run.
3. Choose your language, select printer model (target device) **C831**, and choose the PS driver. If presented with several emulation types, always chose 'PS'. Do NOT choose the default option (PCL) as this does not allow for mirroring of your image.
4. After accepting the software agreement and going past the environmental advice pages, you can select software to install. Click the Next button.

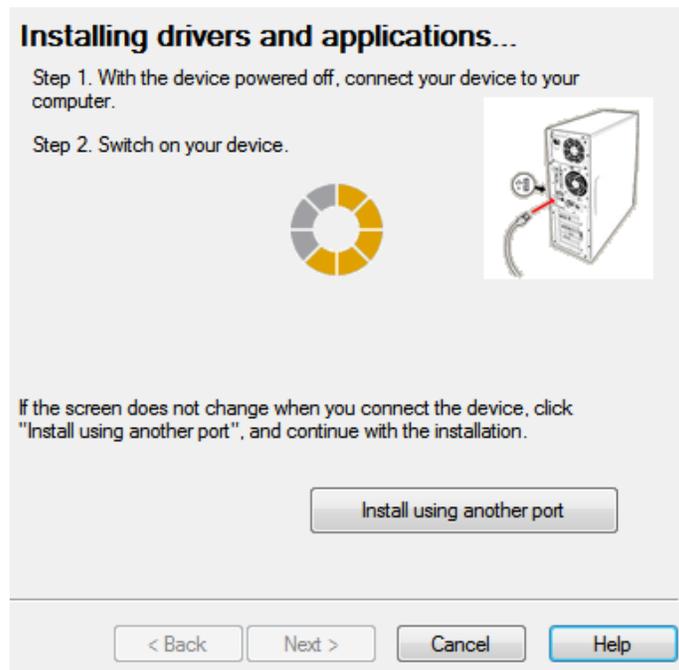
Also, near the bottom of this are the online manuals for later reference.



5. The installation will proceed, click **Next** after having the printer and cables as described.



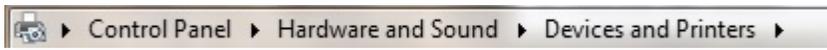
6. Click **Easy Installation (Local)** then **Next**. Then you will see the dialog box below



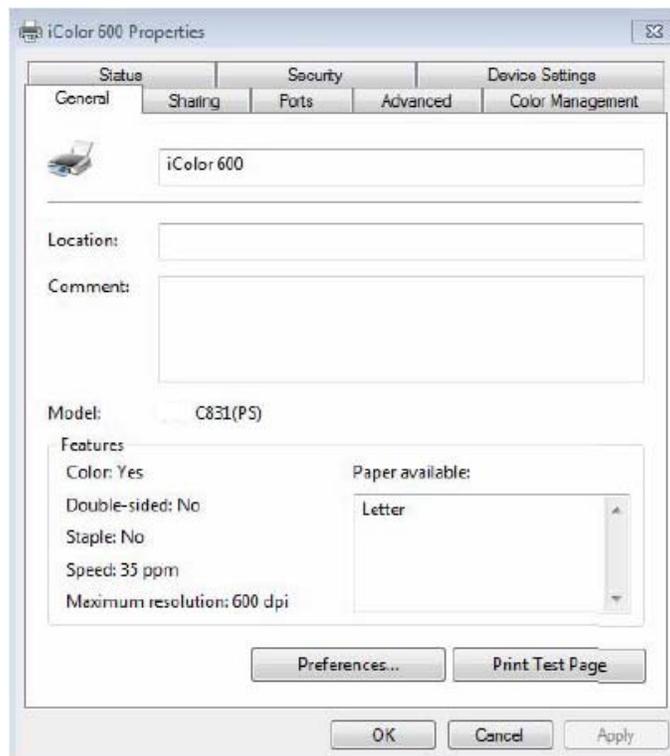
7. Usually the next screen will show the installation progress, followed by the Finish screen. If not, click the **Install using another port** button and accept the USB default shown.

## Rename the Printer

1. Navigate from the start menu to the list of installed printers. The Window 7 path is:



2. Right click on the printer **C831(PS)** and select the printer properties.
3. On the **General tab** highlight the printer name and change it to 'iColor 600', then click **OK**



# UniNet®



**iColor® TransferRIP**  
COLOR PROFILE • WHITE CONTROL • RASTERIZATION

[www.icolorprint.com](http://www.icolorprint.com)

Use the included iColor® TransferRIP software to print a white overprint in one pass.

Because the iColor 600 features white overprint capabilities, the cartridges are reordered to achieve this effect. Thus, the iColor TransferRIP software must be used in order to print. Otherwise, your colors will not print correctly. Please refer to the iColor TransferRIP Software User Manual for further information.

The iColor® TransferRIP software allows the user to manipulate the white layer on top of your graphic for pressing on dark garments or when printing in halftones with less than 60% toner coverage. No need to create additional graphics with different color configurations – the software does it all – and in one pass! Enhance the brilliance of any graphic with fluorescent white overprint!

Full instructions are available at [www.icolorprint.com/support](http://www.icolorprint.com/support)

## **Print and Transfer onto:**

- Natural and synthetic fabrics
- Dark and light fabrics
- Beer, wine and juice bottles
- Label stock
- Leather
- Paper Stock
- Foils

## **Create unique items - The possibilities are endless!**

- T-shirts and sweatshirts
- Aprons
- Dark restaurant menus with fluorescent white print
- Corporate logo shirts
- Mouse pads
- Sports apparel
- Jackets
- Tote bags
- Signs with colored, white or fluorescent toner



## Printing with Fluorescent Colors

To convert your printer to fluorescent colors, swap out the cyan, magenta and yellow STD color cartridges with your fluorescent colors. Exchange the black cartridge for the white in the last slot of the printer.

It is highly recommended that you use the fluorescent cartridges with the black cartridge installed for best results. Fluorescent toners, by their nature, are very bright and cannot create accurate composite black. If white is needed anywhere on the image, it is suggested that you run the graphic through as a 2<sup>nd</sup> pass to ensure accurate colors.

Check your image to ensure there is no black in the image at all (No 100% K, or any composite black colors). The TransferRIP software will take any black color and automatically make a specific composite black color using the C, M, & Y colors which will produce undesirable results.

Most fluorescent images will be placed on a black or dark colored garment, so black would not be suggested in these cases anyway.

## Use Genuine UniNet iColor Consumables

Only use genuine UniNet iColor consumables. The use of incompatible supplies (toner, drums, transfer belts, fusers) will cause damage to your printer not covered by your warranty.



# Replacing toner and drum cartridges

Because the iColor 600® features cartridge remapping to achieve a white underprint or overprint, it is important that you follow these rules when determining which color cartridge to order (pertains to both toner and drum units):

## **'A' Configuration Supplies Replacement Guide**

**This is for white UNDERPRINT when the white cartridge is installed**

<b>Printer Display Reads:</b>	<b>Replace with:</b>
Cyan low/out/empty	Cyan (Back of Printer)
Magenta low/out/empty	Magenta
Yellow low/out/empty	Yellow
Black low/out/empty	Black/White/Clear (check which cartridge is installed) (Front of Printer)

## **'B' Configuration Supplies Replacement Guide**

**This is for white OVERPRINT when the white cartridge is installed**

<b>Printer Display Reads:</b>	<b>Replace with:</b>
Cyan low/out/empty	Black/White/Clear (check which cartridge is installed) (Back of Printer)
Magenta low/out/empty	Magenta
Yellow low/out/empty	Yellow
Black low/out/empty	Cyan (Front of Printer)



## Printing tips

There are many variables that could produce different results. Specific steps may need to be altered based on:

- Type and brand of Heat Press: The temperature and duration varies slightly based on the heat press being used. All instructions are based on using a Hotronix Fusion press. Clam shell and swing away presses may also yield different results.
- Type of image: Photos or full color graphics may require a longer press time than vector images or text
- Type of garment: Cotton, Polyester, and Spandex material all respond differently to heat. All instructions are based on cotton garments
- Toner Coverage: Halftones in image may cause undesired results. Toner coverage should not be less than 60%, otherwise there will be issues with transferring the adhesive to the transfer sheet. Halftones can be corrected when using the white overprint feature in the RIP. This will help with toner coverage and proper adherence to the garment.

Consult the iColor® knowledge base for specific instructions on a variety of transfer paper offered at:  
<http://www.iColorprint.com/support>

Technical Support Email: [support@icolorprint.com](mailto:support@icolorprint.com)

Technical Support Phone: 631-590-1040, Option 2



## iColor® 600 System Specifications

**Print Speed:** Print Speed: Letter/A4 – up to 35 ppm Color and Monochrome; Tabloid/A3 – up to 20 ppm (Transparency setting speeds may vary)

**Processor:** 800 MHz

**Duty Cycle:** Up to 75,000 pg/mo.

**Duplex:** Optional

**Memory:** Standard 256 MB; maximum 768 MB

**Resolution:** 1200 x 600

**Emulation:** PCL® 6, PCL 5c; PostScript® 3™

**Operating Systems:** Microsoft® Windows® 8, Windows 7, Windows Vista®, Windows XP, Windows Server 2008, Server 2008 R2 x64, Server 2003; Mac® OS X 10.5 and higher

**Interfaces:** 10/100-TX Ethernet, High Speed USB v2.0

**Multipurpose Tray:** Standard 100-sheet; handles transfer media, card and mailing label stock

**Paper Cassette:** 400-sheet Legal/Letter/Universal

**Paper Sizes (Min./Max.):** A3, Tabloid, A4 (LEF), A4 (SEF), Letter (LEF), Letter (SEF), A5, Legal 13/13.5/14, Executive

**Paper Weight:** Main Tray 17 lb. bond – 54 lb. bond/ 80 lb. cover (64 – 220 gsm); 2nd and 3rd Trays 17 lb. – 47 lb. bond (64 – 176 gsm); Multi-purpose Tray 17 lb. bond – 140 lb. index (64 – 256 gsm); Duplex 17 lb. – 54 lb. bond/80 lb. cover (64 – 220 gsm)

**Size: (WxDxH):** 17.6" x 21.7" x 14.2" (449 mm x 552 mm x 360 mm)

**Weight:** 81.6 lb. (37 kg)

**Power:** 120v or 230v