

SONY®

DIGITAL PHOTOGRAPHY

FAMILY CATALOG



2 0 0 7





Offering the fun of creating digital photographs anywhere, anytime for anyone!

The demand for digital cameras has increased and with it, the number of digital photos taken. Millions of customers want to have their cherished memories as beautiful photography, and they are looking for a reliable way to have their photographs printed. Sony supports this customer's demand by offering professional digital photofinishing systems that provide superb picture quality and reliability.





SONY PRINTER PRODUCTS HISTORY

Sony has been producing high-quality printing products for more than twenty years. Sony's accumulated technology for digital photo printers brings you high reliability and stability. With reliability built in years of trouble-free use in a wide range of digital photography environments, Sony printers always provide you with a new digital photo printing world.

1981

Magnetic video camera "Mavica" technology press release



1982

Color video printer "Mavigraph" technology press release



1984

"Mavica" & "Mavigraph" used at L.A. Olympics

1986

The world first color video printer "UP-1100" released

World's first video printer

- Printing speed of 180 seconds and lamination in 60 seconds
- Paper based media



1992

A4 "UP-D7000, 8000 series" for studio photo

For studio portrait photo

- Built-in lamination for photo quality
- Photo gamma
- Photo color table
- The first self-laminating color print media



1998

A3 full color proof use "UP-D9500" released

For pre-press

- PostScript® RIP built-in
- 300 x 600 dpi
- Stable output quality and uniformity



ID photo system "UPX series" released

For passport, ID photo

- Consists of a digital photo printer and a digital still camera
- Easy and simple operation
- High-quality self-lamination media



2001

PictureStation, roll printer "UP-DR100" released

For digital photo finishing

- Printing speed for 3.5 x 5 inch size: approx. 23 seconds
- High volume printing



PictureStation

2005

High speed of 8 seconds printing "UP-DR150"

For digital photo finishing

- Printing speed for 4x6 inch size: approx. 8 seconds
- High speed printing mechanism
- High speed image processing
- Improved devices and media



digital photo printer

2006

Standalone photofinishing printer "UP-CR10L"

For digital photo finishing

- Color LCD and intuitive touch-screen interface
- Supports three print media sizes
- High-speed for 3.5 x 5 inch size: approx 13 seconds.
- Accepts today's most popular digital media.



SnapLab



SONY DIGITAL PHOTO PRINTER LINE-UPS

Sony offers various system solutions which come in different shapes and different sizes. Our solutions are ranging from those aimed at professional photographers looking to print high-quality photo more quickly, a range of systems ideally suited to retail outlets, business and commerce, ID photography and dozens of other business opportunities.



Retail Shop



Event Photo

UPA-PC500 p.9
Digital Photofinishing System
All-in-one system controller



UP-DR150 p.8
Digital Photo Printer
High-speed, high-volume printer



UP-DR150 p.8
Digital Photo Printer
High-speed, high-volume printer



UP-CX1 p.9
Digital Photo Printer
Affordable high-volume printer



UP-D75 p.10
Digital Photo Printer
High-quality "Pro Matte" printer



UP-CR10L p.9
Digital Photo Printer
Standalone printer for on-location application



UP-CR10L p.9
Digital Photo Printer
Standalone printer for on-location application



UP-GR700 p.11
Digital Photo Printer
High-quality "Pro Matte" roll printer



UP-D75 p.10
Digital Photo Printer
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UP-CX1 p.9
Digital Photo Printer
Affordable high-volume printer





Portrait Photo

UP-D75 p.10

Digital Photo Printer
High-quality "Pro Matte" printer



UP-GR700 p.11

Digital Photo Printer
High-quality "Pro Matte" roll printer



Passport/ID Photo

UPX-C200 p.13

Digital Printing System
Flexible and efficient passport ID photo printing system



UPX-C100 p.13

Digital Printing System
Affordable passport ID photo printing system



UPX-T100 p.13

Digital Printing System
High-volume passport ID photo printing system



Photo Kiosk

UP-DR150 p.8

Digital Photo Printer
High-speed, high-volume printer



UP-D75 p.10

Digital Photo Printer
High-quality "Pro Matte" printer



UP-CX1 p.9

Digital Photo Printer
Affordable high-volume printer



UP-GR700 p.11

Digital Photo Printer
High-quality "Pro Matte" roll printer





SONY PRINTING TECHNOLOGY

The Advantages of Sony Dye Sublimation Printing Technology

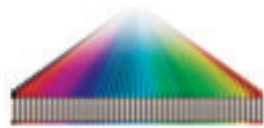
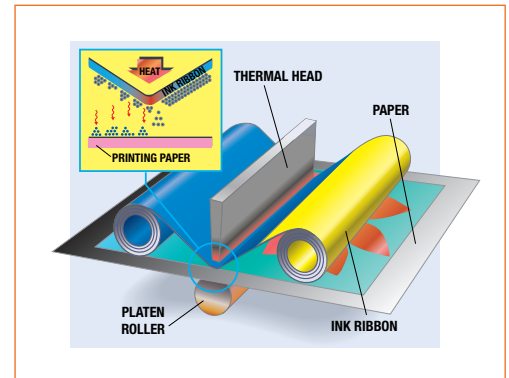
■ Dye Sublimation Printing Technology

Dye sublimation printing is an ideal method that produces a photo-quality printout. In dye sublimation printing technology, the ink is converted into a gas by each heat element on the thermal head which can apply 256 different densities, to produce rich color with a tonal range of up to 256 gradations. These gradations are used for reproducing tonal change and neutral color which are vital for creating a photo-quality print.

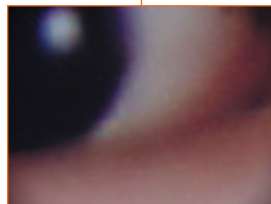
Having a tone range of up to 256 gradations for each of the dye colors, cyan, magenta and yellow, Sony dye sublimation printing blends them to offer full-color prints.

This is different than other printing methods such as an inkjet, which cannot realize gradations in each dot, or blend the color dots.

As you can see in the examples below, the dye sublimation printing method clearly reproduces images of photographic quality when compared to those produced using other printing methods, such as an inkjet method.



Full-color prints



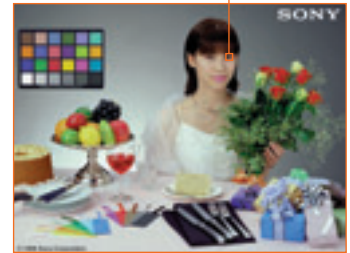
Sony Digital Photo Printer
300 dpi x 300 dpi



Ink Jet Printer
4800 dpi x 1200 dpi, 6 color Ink



Only 6 color



■ Superiority in Color Reproduction

The dye sublimation printing method provides rich color reproduction with 300 dpi resolution and 16.77 million color processing for each dot.

The 7-color inkjet method, on the other hand, requires a resolution as high as about 3400 dpi (300 x 11.3) to reproduce printouts in quality equivalent to those of the dye sublimation printing method.

You can enjoy colorful, high-quality printouts that are available only with the dye sublimation printing.

To match the color representation of a dye sub printer with 300 dpi and 16.77 million colors, an inkjet printer would need the following resolution:

Color representation of dye sub printer with 300 dpi



4-color inkjet: 4800 dpi *1
7-color inkjet: 3400 dpi *2

*1: Assuming a matrix of 16 x 16: 300 x 16 = 4800 dpi

*2: Assuming a matrix of 11.3 x 11.3 x dark/light: 300 x 11.3 = 3390 dpi

■ Clear brilliant reproduction of color

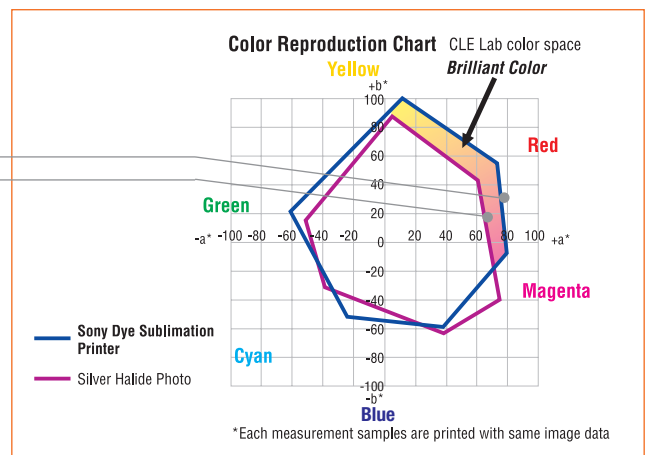
Halftones, vital to expressing skin, sky and other images from nature, are reproduced faithfully. Particularly strong on neutral tones, full-color print is made possible with aesthetically pleasing subtle gradations and excellent color reproduction.



Sony Dye Sublimation Printing



Silver Halide Photo



Highly Durable High-Quality Printing Paper

■ Preserves the beauty of pictures over three generations (or 100 years)

Sony digital photo printers employ Sony's laminating technology. The printer coats prints with a protective layer—a layer that is resistant to light, heat, water, humidity, and fingerprints—at the end of the printing process, protecting prints from water and light and preserving the beauty of new prints. Results of our color-fading tests* under dark storage conditions estimate a superior durability spanning three generations (equivalent to 100 years) when prints are kept in an album.

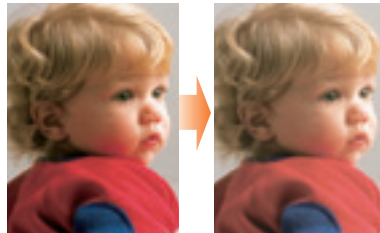
* Accelerated testing by Sony under these conditions: temperature 60°C/70°C/80°C; humidity 85%.
The standard applied for image stability is loss of optimum density and color fading by less than 30%.



Long-lasting Picture Quality

■ When stored in a photo album for approx. 100 years, the print's colors will fade less than 30%. As shown in the example on the right, Sony Digital Photography Papers preserve their picture quality nearly 100 years.

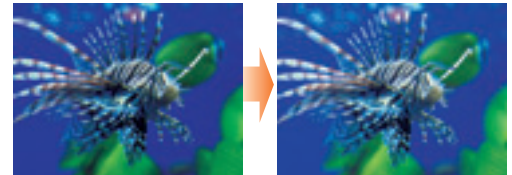
- Tested in a high temperature and high humidity environment by using accelerated testing equipment.



Original Sony Dye Sublimation Printing Approximately 100 years later

■ When hung on a wall for 10 years, the picture quality will be about the same as that of silver halide photo.

- Tested by using accelerated testing equipment, with fluorescent tubes.



Original Sony Dye Sublimation Printing Approximately 10 years later

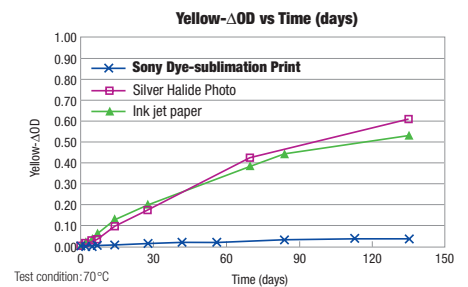
Non Yellowing

Sony Digital Printing Papers keep the original color balance, compared to other printing methods.

- Tested in a high temperature and high humidity environment by using accelerated testing equipment.



Sony Dye Sublimation Printing Silver Halide Photo Ink Jet



Water Resistance

Sony Digital Printing Papers use a totally new type of multi-component laminated coating that offer high stability against to water.

- Tested with Black coffee. Immerses the prints in black coffee for approximately 3 seconds, and then removes surface black coffee with a cloth.



Sony Dye Sublimation Printing Silver Halide Photo Ink Jet



PRODUCTS LINE-UP



For Digital
Photofinishing



***Sony digital photofinishing systems:
scalable, flexible solutions for every retail
photo environment.***

UP-DR150 Digital Photo Printer

The UP-DR150 is the fastest in its class of professional photo printers. It produces high-quality, borderless 10 x 15 cm (4 x 6 inch) prints in approximately 6.6 seconds. Four different print sizes are available.

- Superb print quality utilizing Sony dye sublimation printing technology
- Three types of print finishes: Glossy, Texture, and Matte are available with the unique Sony laminating process.
- Can print on 9 x 13 cm (3.5 x 5 inch), 10 x 15 cm (4 x 6 inch), 13 x 18 cm (5 x 7 inch), and 15 x 20 cm (6 x 8 inch) media.
- High-speed printing of approximately 6.6 seconds for a 9 x 13 cm (3.5 x 5 inch) or 10 x 15 cm (4 x 6 inch) image each, 12 seconds for a 13 x 18 cm (5 x 7 inch) image, 14 seconds for a 15 x 20 cm (6 x 8 inch) image.
- High-volume printing holding a roll of 550 10 x 15 cm (4 x 6 inches) prints or 335 13 x 18 cm (5 x 7 inches) prints.
- Equipped with a Hi-Speed USB (USB 2.0) interface as standard.
- Front operation and auto-loading mechanism enabling easy replacement of paper and ribbon.
- Supplied with printer driver software for Microsoft® Windows® 2000, XP Professional to enhance its flexibility. Driver software for Apple® Macintosh® is also available. (download from website)
- Gray balance adjustment capability using the printed gray balance chart.
- Real-time monitoring of the remaining number of prints, total number of prints, printer status and any error status.



UPA-PC500 Digital Photofinishing System

The UPA-PC500 is an all-in-one package terminal that includes an easy-to-use GUI, various media inputs, and a 15-inch touch screen. It can be combined with up to four Sony printers and a scanner. This system brings users a complete range of digital photofinishing services.

- Can be connected to up to three UP-DR150 printers and one UP-D75 printer.
- The 15-inch touch-screen and easy-to-follow GUI (Graphical User Interface).
- Compact body enables it to be deployed in space-constrained locations or rack-mounted in a cabinet.
- Equipped with a durable memory-card reader and a DVD combo drive that accepts today's most popular digital media.
- On-board editing features such as Zoom /crop & rotate, Color adjustment, Red-eye reduction, Sepia, Black and white, Add text and Add date which are operated via its LCD panel, without the need for a PC.
- Variety of output services: Add border, Create a collage, Scrapbook printing, ID photo, Value package, Portrait package, Index printing and CD burning.
- Flexible customization.
- Easy maintenance enables simple replacement of components.



UP-CR10L Digital Photo Printer

The UP-CR10L "SnapLab™" is a stylish and undersized standalone photofinishing solution, delivering high-quality prints on print media of three sizes. It is equipped with a color LCD and intuitive touch-screen interface to help you print memorable and creative photos quickly and easily. There is no need for a computer - making it the ideal choice for countless on-location applications.

- Superb print quality utilizing Sony dye sublimation printing technology.
- Can print on 9 x 13 cm (3.5 x 5 inch), 10 x 15 cm (4 x 6 inch) and 13 x 18 cm (5 x 7 inch) media.
- High-speed printing of approximately 13 seconds for a 9 x 13 cm (3.5 x 5 inches) image, 16 seconds for a 10 x 15 cm (4 x 6 inch) image and 17 seconds for a 13 x 18 cm (5 x 7 inch) image.
- Equipped with a durable memory-card reader to accept today's most popular digital media.
- A stylish, compact footprint to fit anywhere.
- On-board editing features such as Zoom /crop & rotate, Color adjustment, Red-eye reduction, Sepia, Black and white, and Add date which are operated via its LCD panel, without the need for a PC.
- Auto-loading mechanism enabling easy replacement of paper.
- Using Sony original pattern lamination technology, the order number can be printed enabling prints to be easily sorted, simplifying distribution.
- Supplied with printer driver software for Windows 2000, XP Home Edition and XP Professional to enhance its flexibility. Driver software for Apple Macintosh is also available. (download from website)



SnapLab

UP-CX1 Digital Photo Printer

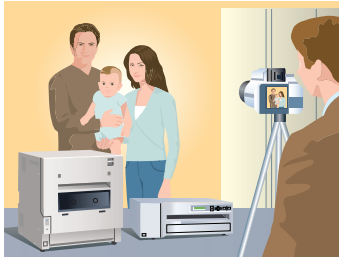
The UP-CX1 is a low-investment digital photo printer which makes no compromises in print quality. It can print in four different sizes at a superb 300 dpi, and fast - a 9 x 13 (3.5 x 5 inch) print takes just 13 seconds. This, combined with its small size and portability, makes it ideal for event photography. The UP-CX1 also supports 4 x 8 inch greeting card printing.

- Superb print quality utilizing Sony dye sublimation printing technology.
- Can print on 9 x 13 cm (3.5 x 5 inch), 10 x 15 cm (4 x 6 inch), 13 x 18 cm (5 x 7 inch), and 10 x 20 cm (4 x 8 inch) media.
- High-speed printing of approximately 13 seconds for a 9 x 13 cm (3.5 x 5 inch) image, 16 seconds for a 10 x 15 cm (4 x 6 inch) image, 17 seconds for a 13 x 18 cm (5 x 7 inch) image and 21 seconds for a 10 x 20 cm (4 x 8 inch) image.
- A stylish, compact footprint to fit anywhere.
- Auto-loading mechanism enabling easy replacement of paper.
- Equipped with a high-speed USB (USB 2.0) interface as standard.
- Supplied with printer driver software for Windows 2000, XP Home Edition and XP Professional to enhance its flexibility. Driver software for Apple Macintosh is also available. (download from website)
- Equipped with a security slot for protection against theft.





PRODUCTS LINE-UP



Portrait Photofinishing



Offering the Sony-patented Pro Matte finish, a new, powerful partner for professional portrait photo printing brings an on-site, on-demand portrait photo printing service to your studio.

UP-D75 Digital Photo Printer

The UP-D75 is the digital photo printer which can produce A4-size, 8 x 10 inch and A4Plus-size photo-quality prints on Sony laminating media. By incorporating the new Sony-patented Pro Matte™ finish, it is ideal for professional portrait photography and event photography and in other creative fields.

- Superb print quality utilizing Sony dye sublimation printing technology
- Three types of print finishes: Glossy, Texture, and Pro Matte are available with the unique Sony laminating process.
- Can print on A4, Letter, and A4Plus size media, with a maximum print area of 216 x 297 mm (8 5/8 x 11 3/4 inches).
- Gray balance adjustment capability using the printed gray balance chart.
- Compact and space-saving design with dimensions of approximately 494 (W) x 176 (H) x 469 (D) mm (19 1/2 x 7 x 18 1/2 inches). Multiple units can be stacked.
- The front-loading operation enables easy replacement of paper and ribbon.
- Equipped with a Hi-Speed USB (USB 2.0) interface as standard.
- Supplied with printer driver software for Microsoft Windows 2000, XP Professional to enhance its flexibility. Driver software for Apple Macintosh is also available. (download from website)
- Detachable Dust Filter to prevent the cooling fan from drawing dust into the printer.
- Supplies Cleaning Kit.
- Spool memory for efficient printing, enabling it to receive the next print job during printing.





UP-GR700 Digital Photo Printer

The UP-GR700 is the digital photo printer which can produce 8 x 10 inch and 8 x 12 inch size photo-quality prints on Sony laminating media. By incorporating roll print technology, it can offer high-volume printing. Thanks to the new Sony-patented Pro Matte finish, it is ideal for professional portrait photography and event photography and in other creative fields.

- Superb print quality utilizing Sony dye sublimation printing technology
- Two types of print finishes: Glossy and Pro Matte are available with the unique Sony laminating process.
- Can print both 8 x 10 inches and 8 x 12 inch borderless print sizes on the same print media.
- High-speed printing of approximately 43 seconds for a glossy 8 x 10 inch size portrait, 48 seconds for a 8 x 12 inch portrait. A Pro Matte finish 8 x 10 inch portrait prints in 53 seconds, a 8 x 12 inch portrait prints in 58 seconds.
- High-volume printing to produce 170 8 x 10 inch prints.*
- Front operation and auto-loading mechanism enabling easy replacement of paper and ribbon.
- Equipped with a Hi-Speed USB (USB 2.0) interface as standard.
- Supplied with a printer driver software for Windows 2000, XP Professional to enhance its flexibility.
- Spool memory for efficient printing enabling it to receive the next print job during printing.
- The phrase "Professional photos are protected by Copyright" on the reverse side of the printing media protects the photographer's copyright.

* Or 150 prints if printing in 8 x 12 inch size.





PRODUCTS LINE-UP



Passport/ID Photofinishing



***Start your own ID photo business
the simple and effective Sony way - today!***

UPX-C200 Digital Printing System

The UPX-C200 is the most modern, flexible and efficient passport ID and mini portrait system. It consists of a digital photo printer and a digital still camera. With built-in Bluetooth™ wireless technology, the system transfers images from its camera to its printer without a docking station or cables. It delivers a variety of photo services in a single system that boosts quality and efficiency.

- Consists of a digital photo printer with a high resolution of 403 dpi and a 1/1.8 type IT CCD digital still camera with 4 mega pixels.
- Wireless connectivity between the camera and the printer via Bluetooth™ technology.
- Up to three printers can be integrated wirelessly to the system to increase printing productivity.
- Three types of print media (3.5 x 4 inch, 4 x 5 5/8 inch and 4 x 6 inch) are available.
- Guidelines in the camera's LCD to size up your photos to the exact size.
- Available for print combinations of different sizes and images on one sheet of media - 16 different image sizes on 10UPC-X46, including one full-bleed (edge-to-edge) mini portrait. 14 different image sizes on 10UPC-X34: two different images or two different sizes can be printed on one sheet.
- Supplied with printer driver software for Microsoft Windows 98 Second Edition/ Millennium Edition/2000 Professional/XP Home Edition/XP Professional.
- Bundling a utility software for archiving pictures.





UPX-C100 Digital Printing System

The UPX-C100 is a turnkey solution, allowing you to start a profitable passport ID business from the moment it is installed. Consisting of a high-quality 5-megapixel digital still camera and photo printer, the system couldn't be simpler to operate. This affordable system provides a truly simple and effective way to get started in the lucrative passport ID photo business.

- Consists of a digital photo printer with a high resolution of 403 dpi and a 1/2.5 type CCD digital still camera with 5 megapixels.
- USB connectivity between the camera and the printer.
- Three types of print media (3.5 x 4 inch, 4 x 5 5/8 inch and 4 x 6 inch) are available.
- Guidelines in the camera's LCD to size up your photos to the exact size.
- Available for print combinations of different sizes and images on one sheet of media - 16 different image sizes on 10UPC-X46, including one full-bleed (edge-to-edge) mini portrait: 14 different image sizes on 10UPC-X34: two different images or two different sizes can be printed on one sheet.



SnapID

UPX-T100 Digital Printing System

The UPX-T100 consists of a digital still camera and a digital photo printer. From image-capture to printing, the system is easy and simple to use at every step. The new digital photo printer is equipped with high-speed and high-volume printing technology, which could improve your workflows and create an additional new revenue stream.

- Consists of a digital photo printer with a high resolution of 300 dpi and a 1/2.5 type CCD digital still camera with 5 megapixels.
- USB connectivity between the camera and the printer.
- 10 x 15 cm (4 x 6 inch) print media is available.
- Incorporating roll print technology, it can offer high-volume printing.
- Guidelines in the camera's LCD to size up your photos to the exact size.
- Available for print combinations of different sizes and images on one sheet of media - 16 different image sizes on 2UPC-T14PF, including one full-bleed (edge-to-edge) mini portrait: three different images or two different sizes can be printed on one sheet.
- Supplied with a printer driver software for Microsoft Windows 2000 Professional/XP Home Edition/XP Professional.



SnapID

Digital Photofinishing

UP-DR150	
Printing method	Dye sublimation printing
Resolution	334 dpi
Gradation	256 levels (8 bits) each for Yellow, Magenta, and Cyan
Picture size	2UPC-R153H: 89 x 127 mm (3.5 x 5 inches) 2UPC-R154H/R154PC: 102 x 152 mm (4 x 6 inches) 2UPC-R155H: 127 x 178 mm (5 x 7 inches) 2UPC-R156H: 152 x 204 mm (6 x 8 inches)
Picture elements	2UPC-R153H: 1210 x 1728 dots 2UPC-R154H/R154PC: 1382 x 2048 dots 2UPC-R155H: 1728 x 2380 dots 2UPC-R156H: 2048 x 2724 dots
Printing time	2UPC-R153H/R154H/R154PC: Approx. 6.6 seconds 2UPC-R155H: Approx. 12 seconds 2UPC-R156H: Approx. 14 seconds
Paper capacity	2UPC-R153H: 610 prints per roll/ribbon cartridge 2UPC-R154H/R154PC: 550 prints per roll/ribbon cartridge 2UPC-R155H: 335 prints per roll/ribbon cartridge 2UPC-R156H: 295 prints per roll/ribbon cartridge
Interface	Hi-Speed USB (USB 2.0)
Spool memory	For one additional picture
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 5.0 to 2.5 A
Dimensions	280 (W) x 356 (H) x 462 (D) mm (11 1/8 x 14 1/8 x 18 1/4 inches)
Mass	20 kg (44 lb 2 oz)
Printer driver	Microsoft Windows 2000, XP Professional, Mac OS v10.3/10.4

UPA-PC500	
Operating system	Microsoft Windows XP embedded
Display	15-inch XGA (1024 x 768) TFT LCD with touchscreen
CPU	Intel® Pentium® 4 2.4 GHz
Memory	512 MB
HDD	80 GB
Input media	Memory Stick, Memory Stick Duo, Memory Stick PRO, Memory Stick PRO Duo, CompactFlash, SmartMedia, SD Memory Card, miniSD, MultiMedia Card (MMC), RS-MMC, xD-Picture Card, USB memory device, CD, DVD
Supported peripherals	UP-DR150 (up to 3 units), UP-D75 (1 unit), Flatbed scanner
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 5.0 A to 3.0 A
Dimensions	406 (W) x 480 (H) x 244 (D) mm (16 x 19 x 9 5/8 inches)
Mass	23 kg (50.8 lb)

UP-CR10L	
Printing method	Dye sublimation printing
Resolution	300 dpi
Gradation	256 levels (8 bits) each for Yellow, Magenta and Cyan
Picture size	2UPC-C13: 89 x 127 mm (3.5 x 5 inches) 2UPC-C14: 102 x 152 mm (4 x 6 inches) 2UPC-C15: 127 x 178 mm (5 x 7 inches)
Picture elements	2UPC-C13: 1100 x 1536 dots 2UPC-C14: 1248 x 1848 dots 2UPC-C15: 1536 x 2148 dots
Printing time	2UPC-C13: Approx. 13 seconds 2UPC-C14: Approx. 16 seconds 2UPC-C15: Approx. 17 seconds
Paper capacity	2UPC-C13: 300 prints per roll/ribbon cartridge 2UPC-C14: 200 prints per roll/ribbon cartridge 2UPC-C15: 172 prints per roll/ribbon cartridge
Input media	Memory Stick, Memory Stick PRO, Memory Stick Duo and Memory Stick PRO Duo, SD Memory Card, MultiMedia Card, CompactFlash, xD-Picture Card, SmartMedia
Interface	Hi-Speed USB (USB 2.0) (1), RS-232C (1)
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 3.0 to 1.3 A
Dimensions	Approx. 275 (W) x 300 (H) x 380 mm (D) (10 7/8 x 11 7/8 x 14 15/16 inches)
Mass	Approx. 11 kg (24 lb 4 oz) excluding the paper tray
Driver software	Microsoft Windows 2000, XP Professional, XP Home Edition, Mac OS v10.3/10.4

UP-CX1	
Printing method	Dye sublimation printing
Resolution	300 dpi
Gradation	256 levels (8 bits) each for Yellow, Magenta and Cyan
Picture size	2UPC-C13: 89 x 126 mm (3.5 x 5 inches) 2UPC-C14: 101 x 152 mm (4 x 6 inches) 2UPC-C15: 126 x 178 mm (5 x 7 inches) 2UPC-C48PF: 101 x 203 mm (4 x 8 inches)
Picture elements	2UPC-C13: 1100 x 1536 dots 2UPC-C14: 1248 x 1848 dots 2UPC-C15: 1536 x 2148 dots 2UPC-C48PF: 1248 x 2448 dots
Printing time	2UPC-C13: Approx. 13 seconds 2UPC-C14: Approx. 16 seconds 2UPC-C15: Approx. 17 seconds 2UPC-C48PF: Approx. 21 seconds
Paper capacity	2UPC-C13: 300 prints per roll / ribbon cartridge 2UPC-C14: 200 prints per roll / ribbon cartridge 2UPC-C15: 172 prints per roll / ribbon cartridge 2UPC-C48PF: 150 prints per roll / ribbon cartridge
Interface	Hi-Speed USB (USB 2.0)
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 3.0 to 1.3 A
Dimensions	Approx. 275 (W) x 262 (H) x 380 (D) mm (10 7/8 x 10 3/8 x 15 inches)
Mass	Approx. 10.5 kg (23 lb 2 oz) excluding paper tray
Driver software	Microsoft Windows 2000, XP Professional, XP Home Edition, Mac OS v10.3/10.4

Portrait Photofinishing

UP-D75	
Printing method	Dye sublimation printing
Resolution	300 dpi
Gradation	8 bits (256 levels) each for Yellow, Magenta, and Cyan
Print size	A4 size (UPC-740): 203.2 x 271.6 mm (8 x 10 3/4 inches) Letter size (UPC-741): 203.2 x 254 mm (8 x 10 inches) A4Plus size (UPC-747): 216 x 297 mm (8 5/8 x 11 3/4 inches)
Picture elements	A4 size (UPC-740): 3208 x 2400 dots Letter size (UPC-741): 3000 x 2400 dots A4Plus size (UPC-747): 3508 x 2560 dots
Printing time	A4 size (UPC-740): approx. 85 seconds Letter size (UPC-741): approx. 80 seconds A4Plus size (UPC-747): approx. 90 seconds
Interface	Hi-Speed USB (USB 2.0)
Spool memory	For one additional picture
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 3.0 to 1.3 A
Dimensions	493.8 (W) x 176 (H) x 468.8 (D) mm (19 1/2 x 7 x 18 1/2 inches)
Mass	18 kg (39 lb 11 oz)
Driver software	Microsoft Windows 2000, XP Professional, Mac OS v10.3/10.4

UP-GR700	
Printing method	Dye sublimation printing
Resolution	300 dpi
Gradation	8 bits (256 levels) each for Yellow, Magenta, and Cyan
Image data transferred	8 x 10 inch: 2444 x 3044 dots, 8 x 12 inch: 2444 x 3644 dots
Print size	8 x 10 inch (203 mm x 254 mm), 8 x 12 inch (203 mm x 305 mm)
Printable pixels	8 x 10 inch: 2400 x 3000 dots, 8 x 12 inch: 2400 x 3600 dots
Printing time	8 x 10 inch: Glossy type: Approx. 43 seconds, Pro Matt type: Approx. 53 seconds 8 x 12 inch: Glossy type: Approx. 48 seconds, Pro Matt type: Approx. 58 seconds
Paper capacity	8 x 10 inch: 170 sheets per roll, 8 x 12 inch: 150 sheets per roll
Interface	Hi-Speed USB (USB2.0)
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 3.0 to 1.3 A
Dimensions	Approx. 370 (W) x 400 (H) x 350 (D) mm (14 5/8 x 15 3/4 x 13 7/8 inches) (Including the maximum projecting parts)
Mass	Approx. 30 kg (66 lb 12 oz) (including paper tray)
Driver software	Microsoft Windows 2000/XP Professional

Passport/ID Photofinishing

	UPX-C200	UPX-C100	UPX-T100
Digital Still Camera			
Image device	1/1.8 type IT CCD with 4 M pixels	1/2.5 type CCD with 5 M pixels	
Picture elements	2288 x 1712 pixels (HIGH), 1280 x 960 pixels (MID), 832 x 624 pixels (STD)	2576 x 1932 pixels (FULL), 1280 x 960 pixels (HIGH), 832 x 624 pixels (STD)	
Recording media	Internal memory	Built-in 16 MB flash memory	
Data compression		JPEG	
Memory capacity	20 or more images (HIGH), 80 or more images (MID), 200 or more images (STD)	Approx. 10 images (FULL), 40 images (HIGH), 73 images (STD)	
White balance	Auto, One Push, 3000 K to 7000 K (500 K steps) selectable		
Iris	F2.8/F3.8/F5.0/F8.0 selectable (WIDE) F4.8/F6.3/F8.3 selectable (TELE)	F2.8/F5.6 selectable (WIDE) F4.8/F9.6 selectable (TELE)	
Auto exposure	Except external flash light	–	–
Manual exposure	–	-2 to ±2 (1/3 steps) selectable	
Lens	2.6 x Zoom, Auto focus	f=5.7 to 17.1 mm (1/4 to 11/16 inches), 3 times	
Shutter speed	1/2 to 1/1000 seconds	Auto, Manual 1/2 to 1/1000 seconds	
Sensitivity		Equivalent to ISO 100	
LCD monitor	1.8-inch cold polysilicone TFT color LCD viewfinder	2.0-inch TFT color LCD (110,000 pixels)	
Digital interface	USB ver1.1	USB host port for the printer	
Video output	Composite video (1)	–	–
Wireless standard	Bluetooth ver1.1 Class 2	–	–
Data transfer time	Approx. 15 seconds: 54 x 54 mm (2 1/4 x 2 1/4 inch) image Approx. 10 seconds: 45 x 35 mm (1 13/16 x 1 7/16 inch) image	–	–
Power supply	NH-AA Battery (4) or AC adapter (8.4 V DC)	DC In (5.0 V) or AA batteries (2)	
Dimensions	230 (W) x 190 (H) x 74 (D) mm (9 1/8 x 7 1/2 x 3 inches)	97 (W) x 64(H) x 32 (D) mm (3 7/8 x 2 5/8 x 1 5/16 inches)	
Mass	Approx. 920g (2 lb)	Approx. 134 g (4.73 oz) (without batteries)	
Digital Photo Printer			
Printing method	Dye sublimation printing		
Resolution	403 dpi		300 dpi
Gradation	8 bits (256 levels) each for Yellow, Magenta, and Cyan		
Picture elements	1664 x 2440 dots: UPC-X46 series, 1552 x 1904 dots: UPC-X45 series, 1112 x 1512 dots: UPC-X34 series		1248 x 1848 dots: 10 x 15 cm (4 x 6 inches)
Printing time	10UPC-X34: Approx. 65 seconds 10UPC-X45: Approx. 90 seconds 10UPC-X46: Approx. 100 seconds		2UPC-T14PF: Approx. 17 seconds
Paper capacity	UPC-X45/46: 25 sheets, UPC-X34: 30 sheets per tray		10 x 15 cm (4 x 6 inches): 200 prints per roll
Power requirements	AC 100 to 240 V, 50/60Hz		
Power consumption	Max. 1.5 A		Max. 3.0 to 1.3 A
Dimensions	203 (W) x 85 (H) x 305 (D) mm (8 x 3 3/8 x 12 1/8 inches)		275 (W) x 262 (H) x 380 (D) mm (10 7/8 x 10 3/8 x 14 15/16 inches)
Mass	Approx. 2.7 kg (5 lb 15 oz)		Approx. 10.5 kg (23 lb 2 oz)
Driver software	Microsoft Windows 98 Second Edition, Millenium Edition, 2000, XP Professional, XP Home Edition	–	Microsoft Windows 2000, XP Professional, XP Home Edition

OPTIONAL ACCESSORIES

Print Media for UP-DR150

Self-laminating Color Printing Pack

2UPC-R153H

Contents: 2 rolls of print paper (610 prints per roll), 2 units of ribbon cartridge
Paper size: 90 x 130 mm (3.5 x 5 inches)

Self-laminating Color Printing Pack

2UPC-R154H

Contents: 2 rolls of print paper (550 prints per roll), 2 units of ribbon cartridge
Paper size: 100 x 150 mm (4 x 6 inches)

Self-laminating Color Printing Pack

2UPC-R155H

Contents: 2 rolls of print paper (335 prints per roll), 2 units of ribbon cartridge
Paper size: 130 x 180 mm (5 x 7 inches)

Self-laminating Color Printing Pack

2UPC-R156H

Contents: 2 rolls of print paper (295 prints per roll), 2 units of ribbon cartridge
Paper size: 150 x 200 mm (6 x 8 inches)

Self-laminating Color Printing Pack

2UPC-R154PC

For post card use

Contents: 2 rolls of print paper (550 prints per roll), 2 units of ribbon cartridge
Paper size: 100 x 150 mm (4 x 6 inches)



2UPC-R153H

Print Media for UP-CR10L and UP-CX1

Self-Laminating Color Printing Pack

2UPC-C13

Contents: 2 rolls of print paper (300 prints per roll), 2 units of ribbon cartridge
Paper size: 89 x 127 mm (3.5 x 5 inches)

Self-Laminating Color Printing Pack

2UPC-C14

Contents: 2 rolls of print paper (200 prints per roll), 2 units of ribbon cartridge
Paper size: 102 x 152 mm (4 x 6 inches)

Self-Laminating Color Printing Pack

2UPC-C15

Contents: 2 rolls of print paper (172 prints per roll), 2 units of ribbon cartridge
Paper size: 127 x 178 mm (5 x 7 inches)



2UPC-C13

Print Media for UP-CX1

Self-Laminating Color Printing Pack

2UPC-C48PF

Contents: 2 rolls of print paper (150 prints per roll)
2 units of ribbon cartridge
Paper size: 101 x 203 mm (4 x 8 inches)



Print Media for UP-D75

A4 size Self-Laminating Color Printing Pack

UPC-740

Contents: 72 sheets of print paper, 1 roll of ink ribbon
Paper size: 210 x 297 mm (8 3/8 x 11 3/4 inches)

Letter size Self-Laminating Color Printing Pack

UPC-741

Contents: 72 sheets of print paper, 1 roll of ink ribbon
Paper size: 216 x 279 mm (8 5/8 x 11 inches)

A4Plus size Self-Laminating Color Printing Pack

UPC-747

Contents: 72 sheets of print paper, 1 roll of ink ribbon
Paper size: 222 x 322.4 mm (8 3/4 x 12 1/4 inches)



UPC-740

Print Media for UP-GR700

Self-Laminating Color Printing Pack

2UPC-R710

Contents: 2 rolls of print paper, 2 units of ribbon cartridge



Print Media for UPX-C200 and UPX-C100

Self-laminating Color Printing Pack

10UPC-X34

Contents: 300 sheets of print paper (30 sheets x 10 packs)
10 units of ribbon cartridge
Paper size: 90 x 101.6 mm (3.5 x 4 inches)

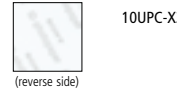


Self-Laminating Color Printing Pack

10UPC-X45

Water ink stamp capable

Contents: 250 sheets of print paper (25 sheets x 10 packs)
10 units of ribbon cartridge
Paper size: 101.6 x 141 mm (4 x 5 5/8 inches)



10UPC-X34

(reverse side)

Self-laminating Color Printing Pack

10UPC-X46

Contents: 250 sheets of print paper (25 sheets x 10 packs)
10 units of ribbon cartridge
Paper size: 101.6 x 152.4 mm (4 x 6 inches)

Print Media for UPX-T100

Self-Laminating Color Printing Pack

2UPC-T14PF

Contents: 2 rolls of print paper (200 prints per roll)
2 units of ribbon cartridge
Paper size: 101 x 152 mm (4 x 6 inches)



Print Media at a glance

Size	Model	Print sheets	UP-DR150	UP-CR10L	UP-CX1	UP-DR100*	UPX-C200 UP-DX100	UPX-C100	UPX-T100	UP-D70A* UP-D75	UP-GR700	UPX-C21*/ UP-D2600S*/D2600*
A4+ Size	UPC-747	72								●		
A4 Size	UPC-740	72								●		
Letter Size	UPC-741	72								●		
A6 Size	UPC-2040A	120										●
	UPC-2045	120										●
	UPC-2046	100										●
Photo Size	2UPC-R35A (3.5 x 5 inches)	400 x 2 rolls				●						
	2UPC-R46A (4 x 6 inches)	350 x 2 rolls				●						
	2UPC-R57A (5 x 7 inches)	205 x 2 rolls				●						
	2UPC-R68A (6 x 8 inches)	185 x 2 rolls				●						
	2UPC-R153H (3.5 x 5 inches)	610 x 2 rolls	●									
	2UPC-R154H (4 x 6 inches)	550 x 2 rolls	●									
	2UPC-R155H (5 x 7 inches)	335 x 2 rolls	●									
	2UPC-R156H (6 x 8 inches)	295 x 2 rolls	●									
	2UPC-R154PC (4 x 6 inches)	550 x 2 rolls	●									
	2UPC-C13 (3.5 x 5 inches)	300 x 2 rolls			●							
	2UPC-C14 (4 x 6 inches)	200 x 2 rolls			●							
	2UPC-C15 (5 x 7 inches)	172 x 2 rolls			●							
	2UPC-C48PF (4 x 8 inches)	150 x 2 rolls			●							
	10UPC-X34 (3.5 x 4 inches)	300						●				
	10UPC-X46 (4 x 6 inches)	250						●	●			
	10UPC-X45 (4 x 5 5/8 inches)	250						●	●			
	2UPC-T14PF (4 x 6 inches)	200 x 2 rolls								●		
2UPC-R710 (8 x 10, 8 x 12 inches)	170 x 2 rolls (8 x 10 inches) 150 x 2 rolls (8 x 12 inches)										●	

* Production of these products has been discontinued.

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