SONY

UP-DR80
Digital Photo Printer

Print by Sony

HI-SPEED CERTIFIED USB ProMatte

Sony is proud to introduce the UP-DR80, an affordable and light weight digital photo printer. Packed with useful features in a compact body, the UP-DR80 offers portrait and event photographers the superb print quality they demand with the profitability to help them grow their business.

The UP-DR80 prints a variety of sizes, making it the ideal photo package printer. Print possibilities range from 99 x 203 mm (4 x 8 inch) photo greeting cards, up to gorgeous 203 x 305mm (8 x 12 inch) prints. Moreover a choice of ProMatte™ or glossy print surfaces from the same print pack is available.

With this model, Sony advances digital photofinishing to a new level of performance and profit generation. The UP-DR80 is the affordable, portable choice for all types of studio and event applications.

FEATURES

Stylish Design and Compact Size

Designed for high performance in a compact size, the UP-DR80 is light in weight and small in footprint. Its compact body measures approximately 317(W) x 207(H) x 425(D) mm (12 1/2 (W) x 8 1/8 (H) x 16 3/4 (D) inch) and weights just 11.5kg (25.3 lbs) - making it ideal for working in confined spaces and transporting from studio to event.
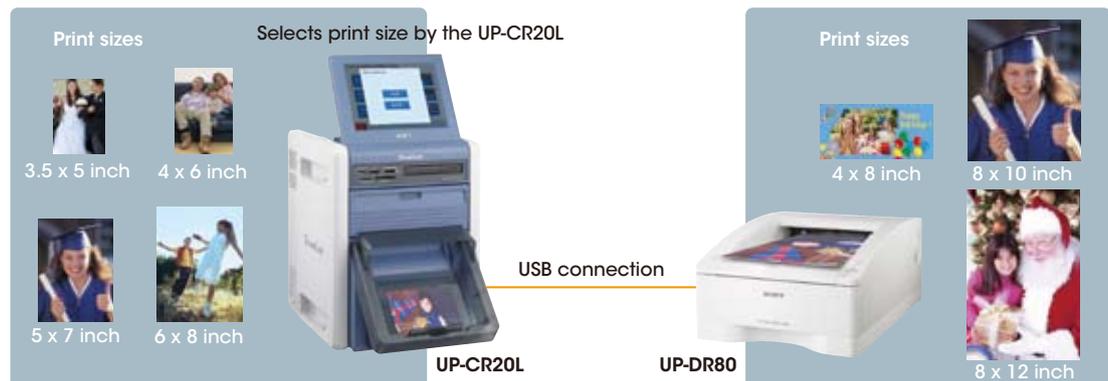
Connectivity to the UP-CR20L

The UP-DR80 can be connected to the UP-CR20L, – Sony's popular Snap Lab™ desktop photofinishing solution – as an external slave printer*. The UP-DR80 can print on media sizes that the UP-CR20L doesn't support, such as 4 x 8 Photo card, 8 x 10, and 8 x 12 inch. This system allows shop owners to provide customers with various print size options, without having to replace the paper media.

* For this system configuration, the UP-CR20L requires firmware version 1.60 or greater to be installed.
The latest firmware can be downloaded from the Snap Lab Support Site at http://www.sony.net/snaplab
When the UP-DR80 is connected to the UP-CR20L, watermark printing, luster finishing, and advanced gray balance adjustment are not available.

Connectivity to the UP-CR20L

Print sizes

3.5 x 5 inch   4 x 6 inch

5 x 7 inch   6 x 8 inch

Selects print size by the UP-CR20L

USB connection

UP-CR20L   UP-DR80

Print sizes

4 x 8 inch   8 x 10 inch

8 x 12 inch

Multi-cut Operation

The flexible UP-DR80 features a multi-cut functionality that allows multiple print sizes to be created from the same print pack. In addition to 203 x 254 mm (8 x 10 inch) and 203 x 305mm (8 x 12 inch) prints, 99 x 203 mm (4 x 8 inch), 128 x 203 mm (5 x 8 inch) and 150 x 203 mm (6 x 8 inch) prints can also be created.

Print Size Variation

8 x 12 inch

8 x 10.2 inch
Allows captions to be printed on the margin, such as file name, customer's name etc.

8 x 10 inch

6 x 8 inch

5 x 8 inch
* Picture area is 5 x 7 inch

4 x 8 inch
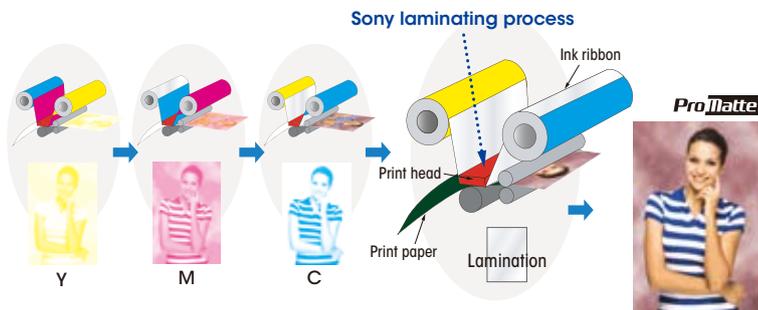
Printing Examples

Choice of Finish

Three surface finishes are selectable from the printer driver: glossy, luster, and ProMatte™. ProMatte is especially suited to fine quality portrait prints, thanks to its fingerprint and smudge resistance.

ProMatte Technology

Sony laminating process
Ink ribbon
Print head
Print paper
Lamination
Y   M   C

Useful Front Operation

The front-loading operation makes it easy to replace paper and ribbon, and allows the UP-DR80 to be used in the tightest of spaces or on a work cart.

Superb Print Quality

The UP-DR80 produces photo-quality prints by incorporating Sony's dye sublimation technology, which coats each print with a protective layer that's resistant to light, heat, water, humidity, and fingerprints. This laminating technology helps prolong the life of prints.

Easy Color Adjustment

The UP-DR80 offers easy color adjustment via its printer driver property. This incorporates a preview image from which you can confirm and adjust images easily.

Color Look Up Table

Three types of color look-up table are available to reproduce suitable colors for different applications, such as outdoor, indoor, portrait, or location.
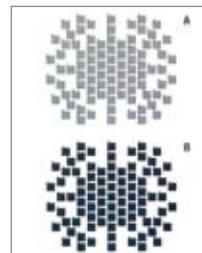Photo: Suitable for snap photo color reproduction
Portrait: Suitable for portrait photo color reproduction
sRGB: Suitable for sRGB color space

Gray Balance Adjustment

A gray balance adjustment function allows you to easily select the color that most closely matches your requirements and provides the most suitable tonal range for your application. The UP-DR80 is equipped with two types of gray balance adjustment method. The basic type is the conventional one which is usually incorporated into Sony's digital photo printers. The advanced type is a new method, which allows you to easily select the gray balance for your photos via a ring around chart.

Basic
Two levels of gray patch chart

Advanced
Ring around chart

SPECIFICATIONS

UP-DR80	
Printing method	Dye sublimation thermal transfer
Resolution	301 dpi
Gradations	8 bits (256 levels) processing each for yellow, magenta, and cyan
Maximum print size	8 × 12: 203 × 305 mm (8 × 12 inch)
	8 × 10+: 203 × 259 mm (8 × 10.2 inch)
	8 × 10: 203 × 254 mm (8 × 10 inch)
	6 × 8: 150 x 203 mm (5.92 × 8 inch)
	5 × 8: 128 x 203 mm (5.02 × 8 inch)
	4 × 8: 99 x 203 mm (3.89 × 8 inch)
Image data transferred	8 × 12: 2,472 × 3,660 dots
	8 × 10+: 2,472 × 3,116 dots
	8 × 10: 2,472 × 3,056 dots
	6 × 8: 1,830 x 2,472 dots
	5 × 7: 1,558 x 2,136 dots
	4 × 8: 1,220 x 2,472 dots
Printing time	Approx. 65 seconds (when printing 8 × 10 size) (Printing time may vary depending on the operating conditions.)
Interface	Hi-Speed USB (USB 2.0)
Print capacity	8 × 12: 42 prints per roll
	8 × 10+: 50 prints per roll
	8 × 10: 50 prints per roll
	6 × 8: 84 prints per roll
	5 × 7: 100 prints per roll
	4 × 8: 126 prints per roll
Driver software	Windows XP/Vista/Vista 64 bit edition*
Power requirements	100 to 240 V AC, 50/60 Hz
Input current	3.4 to 1.4 A
Operating temperature	5 °C to 35 °C (41 °F to 95 °F)
Operating humidity	20% to 80% (no condensation allowed)
Storage and transport temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage and transport humidity	20% to 80% (no condensation allowed)
Dimensions	Approx. 317(W) x 207(H) x 425(D) mm (12 1/2 (W) x 8 1/8 (H) x 16 3/4 (D) inches)
Mass	Approx. 11.5 kg (25.3 lbs)
Safety Standard	(CB) IEC60950-1
	(US) UL60950-1
	(CA) CSA C22.2 No.60950-1
	(EU) EN60950-1
EMC Standard	(JP) VCCI ClassA, JIS C 61000-3-2
	(US) FCC 47CFR Part 15 Subpart B Class A
	(CA) ICES-003 Class A
	(EU) EN55022 Class A+EN55024+EN61000-3-2 + EN61000-3-3, EN50371
	(AU/NZ) EN55022 Class B
Supplied accessories	Paper holder (pink) (1), Paper holder (blue) (1), Cleaning ribbon (1), USB cable (1),
	Before Using this Printer (1), CD-ROM (1), Software License Agreement (1)

* Driver software for Window Vista 64-bit edition will be released in summer 2009.
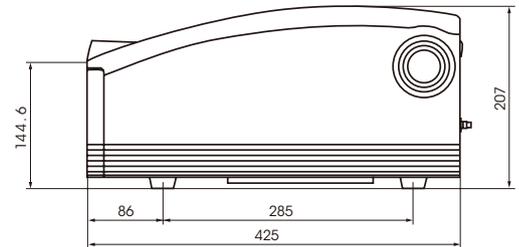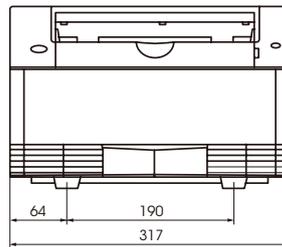Utility software will be released in summer 2009 separately.

PRINTING SUPPLIES

2UPC-R810
Contents:
Paper roll for
   50 prints of 8 x 10 inch x 2
Ink ribbon for
   50 prints of 8 x 10 inch x 2

DIMENSIONS

Unit : mm

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