

SONY®



Digital Passport/ID Printing System

The next-generation in digital passport and ID photo printing systems.



Designed to eliminate some of the most common passport and ID photo mistakes and help users "get it right" every time, the easy-to-use, next-generation UPX-C300 Digital Passport System makes passports simple for travelers; flexible and profitable for retailers. The system is equipped with a newly developed 8 mega-pixel digital still image camera, Bluetooth™ wireless connectivity, a 3-inch * LCD screen, and Sony's Auto Face Alignment technology that automatically adjusts and resizes images to fit the required format outlined in the U.S. State Department guidelines. With the unit's simple to use three-step operation process, users simply capture an image, adjust image alignment and send to print. Packed with powerful features that increase performance and productivity, the digital passport system includes a quick-view mode, a large strobe flash for high-quality pictures in challenging lighting environments, and a lens that is compatible with multiple light filters. High-volume retail locations can configure the unit with up to three printers for increased print output and a streamlined workflow. With a print queue function that enables users to store a number of captured images in preview mode and batch-print them altogether; up to five commonly used pre-sets and customizable frame formats; and a print quality adjustment function, this is the next generation digital photo system for today's level of quality and productivity.

*viewable area, measured diagonally

Large Strobe Flash

The UPX-C300 camera offers a large strobe flash increasing the ability to shoot high-quality pictures.



Filter Compatibility

A camera lens filter thread is equipped to allow a choice of different 52mm filters to be attached, including lens protector or ND filters to reduce light transmission when using an external strobe light.



3-inch LCD

The UPX-C300 digital camera is equipped with a 3-inch LCD that's approximately twice as large as the previous model. It allows you to adjust the face position of the subject easily and accurately, and also enables easy menu navigation.



Security Cable Compatibility

The UPX-C300 is equipped with a security slot for protection against theft. This enables the camera operator to connect the unit to a tabletop utilizing many of the third-party security cables available on the market.

Simple steps from image capture to printing.



Easy operation

From image capture to printing, all functions - including image size adjustments - can be performed easily from the digital camera. Just click the shutter button to capture image, review the image on the camera's LCD screen, and then press the PRINT button to effortlessly reproduce photo-quality prints.



Easy Exposure Level Control

When previewing an image before printing the camera operator can adjust its exposure by pressing the up and down control buttons on the digital camera for retake.

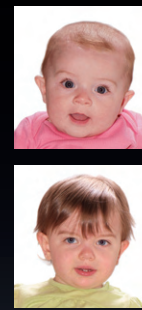


Quick review



Automatic Face Alignment*

If the camera operator captures an image that is not aligned correctly, the UPX-C300 can automatically adjust the face position so that it fits the frame properly. This automatic face alignment is achieved with the single press of a button, which makes photographing smaller faces such as babies and toddlers much easier.



* Under some circumstances, manual adjustment may be required.



Push print button to print

Transfer of image data



Bluetooth

Wireless Connectivity

The UPX-C300 system incorporates state-of-the-art Bluetooth™ wireless technology, which eliminates cumbersome cable connections between the camera and the printer. Imagine how easy Sony has made it - with no camera-to-printer cable connection required to transfer the images! Thanks to this wireless data transfer capability, the photo printer can be installed in more convenient locations away from the photo studio, such as at the cashier area.

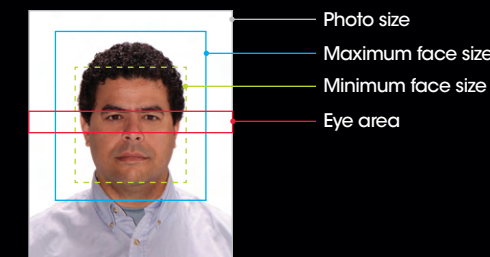
Note: Wireless connectivity is available only between the UPX-C300 camera and the UP-DX100 digital photo printer. Other Bluetooth™ devices cannot be configured with this system.



Complete the picture

Capture image

Customizable area



Preset and Customizable Frame Format

The U.S. passport size photo format and other formats used by most major countries around the world are pre-installed in the digital camera for simple and accurate passport photo printing. Moreover, you can customize the frame format to suit other photo requirements - such as an ID - via the easy-to-use Frame Setting wizard. Up to five customized formats can be saved within the digital still camera.

Print Queue Function

The UPX-C300 offers a print queue function that enables the camera operator to store a number of captured images after preview and print them all together in one batch, rather than having to print each image as it is captured. Up to 3 UP-DX100 printers can be used per system.

Print Quality Adjustment

The UPX-C300 is equipped with a print quality adjustment function that enables color, dark/light, gamma, and sharpness adjustments from the MENU function of the camera. A guide print function is also provided that helps the camera operator to achieve the ideal color reproduction. This function offers a guide print before adjusting print quality to compare it with the result of adjustment.



Color and B/W Printing

The system provides both color and black and white (B/W) printing for a variety of UPX-C300 passport/ID photo applications.

Language Support

The LCD menu of the UPX-C300 supports the following languages: English, French, German, Italian, Spanish, Portuguese, Dutch, Russian and Japanese.

Multiple Printer Connection for High Productivity

To increase printing productivity, the UPX-C300 system can be configured wirelessly with up to three printers. This means the camera operator doesn't have to wait for one print to finish before printing another, and also reduces print pack reloading during busy periods to streamline the work flow process.

Compact, Space-saving Design

The space-saving design of the printer enables it to be used in even the smallest retail space, such as the cashier area. It measures only 8 x 3 3/8 x 12 1/8 inches.

Optional Accessories



10UPC-X34

Self-laminating Color Printing Pack
Contents: 10 packs x 30 sheets Paper size: 3.5 X 4 inches



10UPC-X46

Self-laminating Color Printing Pack
Contents: 10 packs x 25 sheets Paper size: 4 X 6 inches



UP-DX100 Digital Photo Printer

Before using this printer, the latest firmware greater than version 3.00 is required to be installed. Please access the following URL for the latest firmware. sony.com/dpf

Specifications

Digital Still Camera

| General | |
|---------------------------------------|--|
| Power supply | Supplied from an AC power adaptor (5.0 V DC) or from Sony NH-AA batteries (max. 2700 mAh) |
| Input current | 1.65 A max. (using an AC power adaptor) |
| Operating temperature | 41° F to 95° F (5° C to 35° C) |
| Storage temperature | -4° F to +140° F (-20° C to +60° C) |
| Operating humidity | 20% to 80% (non condensation) |
| Dimensions (W x H x D) | 8 3/4 x 7 3/4 x 4 1/8 inches (222 x 194 x 102 mm) |
| Mass | Approx. 2 lb (900 g) |
| System | |
| Camera type | Digital still camera |
| Recording/playback system | Frame digital |
| Data compression/decompression system | JPEG baseline system |
| Recording medium | Built-in 64-MB flash memory |
| Picture elements | 1/2.5 inch 8 M CCD solid-state picture element |
| Recording resolution | 3264 x 2448 pixels (HIGH), 1632 x 1224 pixels (STD) |
| Recording capacity | Approx. 30 or more pictures (high resolution) Approx. 120 or more pictures (standard resolution) |
| Number of shots | (with Typ. 2000 mAh/Min. 1900 mAh Sony NH-AA nickel-hydride batteries) Approx. 40 shots under the following conditions: - Temperature: 25°C - Shooting conditions: 1) Adjust the zoom to WIDE, TELE, and back to WIDE after turning power on 2) Take two shots using flash 3) Print one image 4) Enter power save mode after 10 minutes via AUTO POWER SAVE. Results may vary in lower temperatures and other shooting conditions. |
| White balance | Program, One Push, 3000K to 7000K (500K steps) |
| Shutter speed | 1/2 to 1/1000 second |
| Photographic sensitivity | Equivalent to ISO 200 (P4, 0EV) |
| LCD monitor | 3.0-inch (viewable area, measured diagonally) cold polysilicone TFT color LCD viewfinder 230,000 pixel |
| Lens | f = 12.5 to 25 mm, 2 times (equivalent to a 75 to 150-mm lens with a 35-mm film camera), auto focus F-value (open): F4.7 (at W) to F5.5 (at T) |

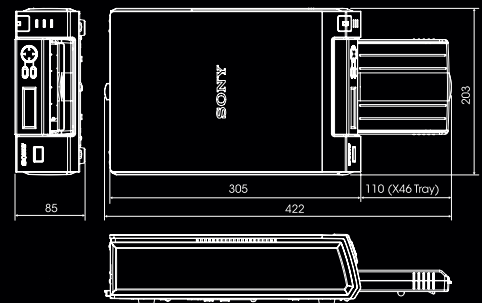
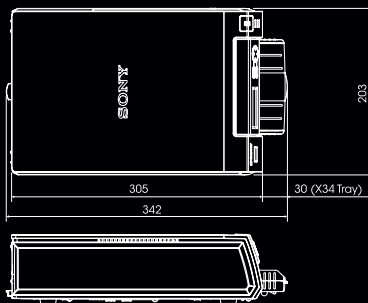
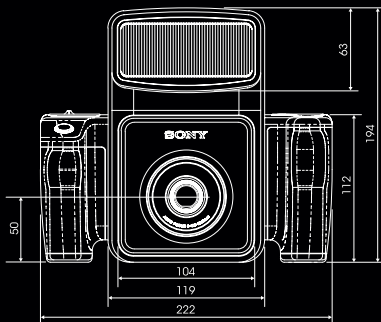
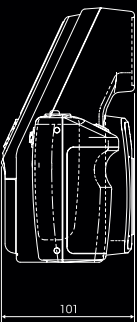
External connectors

| | |
|----------------|----------|
| DC IN 5.0 V | 5.0 V DC |
| Flash terminal | X sync |

Bluetooth Specifications

| | |
|---|--|
| Communication type (camera) | Bluetooth Specification, ver 2.0 |
| Communication type (printer) | Bluetooth Specification, ver 1.1 |
| Max. transmission speed ¹ | About 723 Kbps |
| Output | Bluetooth Specification, Power Class 2 |
| Communication distance ² | About 33 feet (10m) without obstacles |
| Compatible Bluetooth profile ³ | Basic Imaging Profile (Image Push Feature) |
| Frequency band | 2.4 GHz (2.400 GHz - 2.4835 GHz) |

¹ Maximum data transmission speed based on Bluetooth Specification, Ver 1.1. This speed depends on the distance between the devices, obstacles, radio wave conditions, application software, or the OS. ² This distance depends on the distance between the devices, obstacles, radio wave conditions, application software, or the OS. ³ This specification is in accordance with the intended use between two Bluetooth devices. This is defined by the Bluetooth Specification.



Digital Photo Printer

| General | |
|---|--|
| Power supply | 100 to 240 V AC, 50/60 Hz |
| Input current | 1.1 A max. (when printing) |
| Operating temperature | 41° F to 95° F (5° C to 35° C) |
| Storage / transport temperature | -4° F to +140° F (-20° C to +60° C) |
| Operating humidity | 20% to 80% (non condensation) |
| Maximum dimensions (W x H x D) | 8 x 3 3/8 x 12 1/8 inches (203 x 85 x 305 mm) |
| Mass | Approx. 5 lb 15 oz (2.7 kg) (main unit only) |
| Printing method | Dye-sublimation thermal transfer printing (yellow, magenta, cyan, laminate) |
| Print resolution | 403 x 403 dpi |
| Thermal head | 403 dots/inch |
| Print gradations | 8 bits for yellow, magenta, cyan |
| Printing time | UPC-X46 series: 100 sec/sheet, UPC-X34 series: 65 sec/sheet |
| Maximum capacity of paper tray and ribbon cartridge | UPC-X46 series: 25 sheets, UPC-X34 series: 30 sheets |
| Inputs | AC IN (power inlet) |
| Maximum print size | UPC-X46 series: 4 x 6 1/8 inches (101.6 x 151.4 mm) (no border) UPC-X34 series: 2 7/8 x 3 7/8 inches (70.1 x 95.3 mm) (with border) |
| Print pixels | UPC-X46 series: 1664 x 2440 dots UPC-X34 series: 1112 x 1512 dots |

AC Power Adaptor

| | |
|------------------------|---|
| Power supply | 100 to 240 V AC, 50/60 Hz |
| Input current | 0.26 A |
| Output | 5.0 V DC, 2.0 A in operating mode |
| Operating temperature | 41° F to 95° F (5° C to 35° C) |
| Storage temperature | -4° F to +140° F (-20° C to +60° C) |
| Dimensions (W x H x D) | Approx. 2 3/4 x 1 1/16 x 2 inches (69 x 26 x 50 mm) (including protrusions) |
| Weight | Approx. 6.0 oz (170 g) |

Supplied Accessories

Paper tray for the UPC-X46 series (1), Paper tray for the UPC-X34 series (1), Tray cover (1) AC power adaptor UPA-AC05 (1), Cleaning cassette (1), Operating Instructions (1 set) Quick Reference (1)

Safety Standards

| | |
|--------------------|--|
| Safety | UL60950-1, CSA C22.2 No.60950-1, EN60950-1, IEC60950-1 |
| EMC | FCC Part15 listed Subpart B Class B, ICES-003 Class B, VCCI Class B, EN55022 (Class B) + EN55024 + EN61000-3-2 + EN61000-3-3, AS/NZS CISPR22 Class B |
| Wireless Equipment | FCC Part15 Subpart C, RSS-210, ARIB-RCR STD-T66, EN300 328 + EN301 489-17 |

SONY

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