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.

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.

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.

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.

**Optional Accessories**

Easy Exposure Level Control

When previewing an image before printing, the camera operator can adjust the light/dark ratio by pressing the up or down control buttons on the digital camera or screen.

**Automatic Face Alignment**

*If the camera operator captures an image that is not aligned correctly, the UPX-C300 camera automatically reads the face position in the frame. When the image is saved, it is aligned to ensure it fills the frame with the best use of space. This is particularly helpful when capturing images of faces such as babies and toddlers whose faces move.

**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.

**Automatic Face Alignment**

*Under some circumstances, manual adjustment may be required.

**Wireless Connectivity**

The UPX-C300 system incorporates state-of-the-art Bluetooth™ wireless technology, which eliminates cumbersome cable connections between the camera and the photo printer. This makes it easy to print from virtually any location. With wireless connectivity, a photo printer can be installed in more convenient locations away from the photo studio, such as at the cashier area.

**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 step. After previewing, images can be printed up to 30 images to photo-quality prints.

**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.

**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 workflow 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.

**Print Quality Adjustment**

The UPX-C300 offers an easy-to-use print quality adjustment function that enables the camera operator to adjust print quality. The function offers choices for color, dark/light, and gamma before printing, and also includes a guide print function to help the camera operator to achieve the ideal print quality. This function offers a guide print before adjusting print quality to ensure the best results.

**Print Queue Function**

Transfer of image data

Capture image

Quick review

Push print button to print

Complete the picture

**Optional Accessories**

10UPC-X34 Self-laminating Color Printing Paper

Color: 90 pack x 5 sheets each Paper size: 3.5 x 4.6 inches

10UPC-X46 Self-laminating Color Printing Paper

Color: 65 pack x 5 sheets each Paper size: 3.5 x 4.6 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

**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.

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## Digital Still Camera Specifications

### General

- **Power supply**: Supplied from an AC power adapter (5.0 V DC) or from Sony NH-AA batteries (max. 2700 mAh).
- **Input current**: 1.65 A max. (using an AC power adapter).
- **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 20°C.  
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 (F1, 0EV).
- **LCD monitor**: 3.0-inch (viewable area, measured diagonally) color poly-silicon 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**: About 723 Kbps.
- **Communication distance**: About 33 feet (10m) (without obstacles).
- **Compatible Bluetooth profile**: 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 specification is in accordance with the intended use between two Bluetooth devices. 3) This is defined by the Bluetooth Specification.

## Digital Photo Printer Specifications

### 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).
- **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**: 60 sec/sheet.
- **Maximum capacity of paper**: 25 sheets.  
- **UPC-X46 series**: 30 sheets.
- **Number of print heads**: 4.

### AC Power Adaptor

- **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. 0.6 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 adapter (UPA-A001)**.
- **Cleaning cassette (1)**.
- **Operating Instructions (1 set)**.
- **Quick Reference (1)**.

### Safety Standards

- **FCC Part15 Subpart B Class B**: FCC Part15 Subpart B Class B.
- **ICES-003 Class B**: Class B.
- **EN50022 Class B**: Class B.
- **EN50024 + EN61000-3-2**: Class B.
- **EN61000-3-3**: Class B.
- **CE Marking**: (CE Marking).
- **UL60095-1-106950-1**: UL60095-1.
- **EN600950-1**: 106950-1.
- **IEC60950-1**: 106950-1.

### EMC

- **FCC Part15 Subpart B Class B**: FCC Part15 Subpart B Class B.
- **FCC Part15 Subpart B Class B**: FCC Part15 Subpart B Class B.
- **EN50022 Class B**: Class B.
- **EN50024 + EN61000-3-2**: Class B.
- **EN61000-3-3**: Class B.
- **CE Marking**: (CE Marking).

### Wireless Equipment

- **FCC Part15 Subpart C**: FCC Part15 Subpart C.
- **EN50210**: EN50210.
- **ATIB-ROR STD-T66**: ATIB-ROR STD-T66.
- **EN300 328 + EN301 489-17**: EN300 328 + EN301 489-17.

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