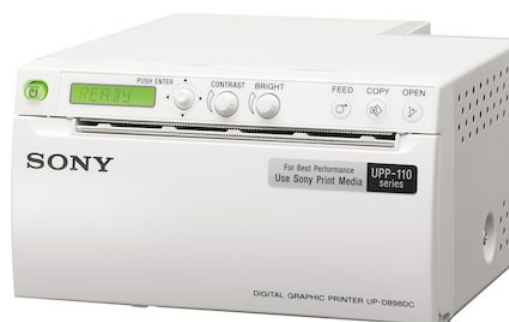


UP-D898DC

A6 Digital Black and White
Thermal Printer with DC power
input



Overview

High speed, high quality black & white printing of medical images with compact footprint and DC powering

The UP-D898DC is a compact A6 medical grade black and white digital printer, operating on a 12-24V DC power source from other medical systems.

It's designed to be integrated into a wide range of compatible medical imaging environments such as digital ultrasound systems, mobile C-arms or cardiac catheterisation laboratory. The high quality thermal print engine can produce hard copy prints of still images captured by these systems for use in patient records and referrals.

(Please note that images printed from the UP-D898DC are not to be used for diagnosis).

The UP-D898DC is DC supply version of the UP-898 printer series. It features same front panel design (as UP-D898MD) and offers several operational and ergonomic enhancements, offering an even more space saving footprint - approximately 75 mm slimmer and 0.7 kg lighter - than predecessor UP-D898MD.

The printer is capable of delivering high-quality black & white

prints in under two seconds. Advanced thermal printing technology delivers near-photo quality results using widely available print media.

Unique Sony technology allows paper to be cut in two directions – both up and down – as a lower cutter is newly included, along with the conventional upper cutter. This enables flexible printer installation in almost any location as well as smooth printing operations.

Features

High print quality

Advanced thermal printing technology enables photo-quality black & white prints with resolutions up to approximately 325 dpi and grey levels up to 256 steps.

Dual cutter configuration

In addition to the conventional upper cutter, a lower cutter has been added to the front door. This enables paper to be cut in a downward direction in addition to an upward direction. This increased flexibility in cutting direction expands location choices for printer installation. For example, even if the printer is installed immediately below the operation console of an ultrasound system, paper can easily be cut from the front. Furthermore, a safety mechanism automatically hides the lower cutter when opening the front panel to change the printing paper.

A6 prints in less than two seconds

While operating in high speed mode, the UP-D898DC can produce A6-size prints in approximately 1.9 seconds (when used with UPP-110HG or UPP-110S print media).

Compact, space-saving design

Measuring 88mm (H) x 154 mm (W) x 165 mm (D), the UP-D898DC has the same space-saving front panel design as the UP-D898MD for easy, flexible integration into medical carts.

Operation with DC power source

The UP-D898DC requires a 12-24V DC power source, provided from other connected medical modalities. Electrical supply connection is via a Canon-type DC power plug.

Enhanced operability

The UP-D898DC features an enlarged LCD panel that displays printer settings, selected paper type and advisory messages. An intuitive joystick control allows speedy menu navigation, while the new Auto Lock mode prevents unintentional changes to print settings.

Hard copy reference of print settings

For convenient reference, selected settings (Brightness, Contrast, Gamma and Sharpness) can optionally be printed in a blank space on the print paper.

Uses widely available print media

Sony offers a choice of three high quality, widely available A6 thermal print media types to meet the needs of different applications. Choose from the UPP-110HD, UPP-110S, or the UPP-110HG High Glossy Printing Paper that produces glossy, long-lasting near-photo quality prints.

Wide PC compatibility

For maximum flexibility, a wide range of PC drivers are provided for Windows XP, Vista, 7 and 8 (32/64bit).

Quick guide print

"Quick instruction guides for different print operations can be selected via the front control panel. They can be printed out for easy reference without needing to refer to the user manual.*

*English only."

Compliance with medical standards

This product is distributed to the US and EU as a medical device and satisfies product safety standards (e.g. IEC 60601-1).

For more details, please contact your nearest Sony sales office or an authorised dealer.

Specifications

| Specifications | |
|-------------------------|--|
| Printing Method | Direct thermal printing |
| Resolution | 325 dpi |
| Gradations | 8 bits (256 levels) processing |
| Picture Elements | 4096 × 1280 dots (max.) |
| Picture Area | 320x100mm/ 12 5/8x3 7/8inch (Max) |
| Paper Size | Paper width of 110 mm (4 3/8 inches) |
| Printing Time | About 1.9 sec/image (960 x 1280 dots) (Printing at the high speed) |
| | About 3.3 sec/image (960 x 1280 dots) (Printing at the normal speed) |
| Interface | High Speed USB (USB 2.0) |
| Printer Driver Software | Microsoft Windows 7 32/64 bit, 8 |

| | |
|-----------------------------------|---|
| | 32/64 bit, 10 32/64 bit |
| Power Requirements | 12V to 24V DC |
| Input Current | 8.2A to 3.7 A |
| Operating Temperature | 5°C to 40°C (41°F to 104°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% |
| Dimensions (W x H x D) *1 | 154 x 88 x 165 mm 6 1/8 x 3 1/2 x 6 1/2 inches |
| Mass | 1.8 kg 3 lb 15 oz |
| Supplied Accessories | Thermal head cleaning sheet (1) CD-ROM (1) (including multi-lingual instructions for use, readme and printer driver) Before Using this Printer (1) European Representative (1) Service Contact List (1) |

Notes

*1

The values for dimensions are approximate.

Gallery

