

## UP-D898MD

A6 Digital Black and White  
Thermal Printer



### Overview

#### **High speed, high quality black & white printing of medical images with a compact space-saving footprint**

The UP-D898MD is a compact A6 medical grade black and white digital printer. 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-D898MD are not to be used for diagnosis).

The UP-D898MD is a successor to the popular Sony UP-897 series of medical printers. Redesigned and upgraded, it offers several operational and ergonomic enhancements while retaining the same space-saving footprint and easy integration into medical carts. Usability is further enhanced by an enlarged LCD display panel and joystick for intuitive menu navigation.

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-D898MD 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 240 mm (D), the UP-D898MD has the same space-saving design as the UP-D897MD for easy, flexible integration into medical carts.

### **Enhanced operability**

Building on the success of the popular UP-D897, the UP-D898MD

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

Printing Method	Direct thermal printing
Resolution	325 dp
Gradations	8 bits (256 levels) processing
Picture Elements	Digital: 4,096 x 1,280 dots
Picture Area	320 x 100 mm (12 5/8 x 4 inches)
Paper Size	Paper width of 110 mm (4 3/8 inches)
Printing Time	High-speed mode: Approx. 1.9 seconds/image (960 x 1,280 dots) Normal speed mode: Approx. 3.3 seconds/image (960 x 1,280 dots)
Picture Memory	Digital: 4,096 x 1,280 x 8 (bit)
Interface	Hi-Speed USB (USB 2.0) (x1)
Printer Driver Software	Microsoft Windows 7 32/64 bit, 8 32/64 bit, 10 32/64 bit
Power Requirements	AC 100 V to 240 V, 50/60 Hz
Input Current	1.3 A to 0.6 A
Operating Temperature	5°C to 40°C (41°F to 104°F)

Temperature	
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 (W x H x D)	154 x 88 x 240 mm (6 1/6 x 3 1/2 x 9 1/2 inches)
Mass	2.5 kg (5 lb 8 oz)
EC Directive	(EU) MDD, EMC, LVD
Supplied Accessories	Thermal head cleaning sheet (1), CD-ROM (1), Before Using this Printer (1), Service Contact List (1)

