





## 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.\*1

\*1 English only.

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

Main Print Mode (Video input)

	Standard	Side
Normal (1 time)		
Small (0.5 times)		
Small (0.5 times, multi)		
2x zoom (2 times)		

## Features of UP-X898MD

### Accepts both digital input and analog video input

The UP-X898MD offers you to choice of analog composite video and digital inputs that allows flexible use with a wide range of modality devices.

### USB flash drive storage

The UP-X898MD can automatically store printed images from both digital and video input.

## Wireless Printing Capability\*2

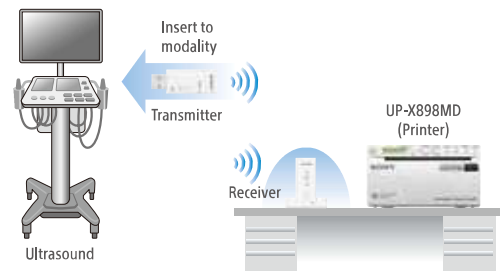
By using the optional UPA-WU10\*3 Wireless Print System, you can achieve cable-free connection between the UP-X898MD, ultrasound systems, and other hospital imaging modalities with a compatible wireless capability.

This is ideal for busy clinical environments, where modalities are constantly being moved between different examination rooms and ORs. This all-in-one wireless printing solution also resolves the problem of limited space on medical carts, allowing the connection between a medical imaging modality and an 'off-cart' printer without requiring a lengthy USB cable.

\*2 This function is available on the UP-X898MD only with a USB 5V output port, manufactured in March 2017 or later. To check compatibility for wireless use, please contact your nearest Sony office or an authorized dealer.

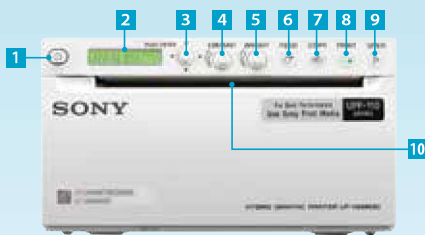
\*3 Product availability of the UPA-WU10 may vary depending on the sales area.

### Use Case (Examination Room)

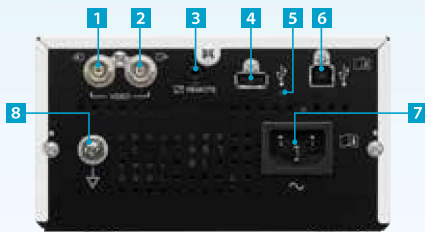


## Front and Rear Panels

UP-X898MD

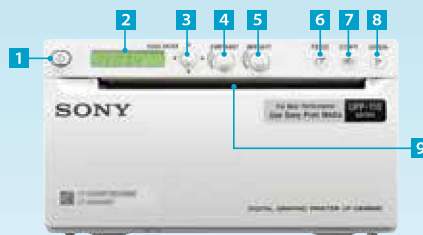


- 1 Power ON/OFF Switch
- 2 Printer window display (LCD: liquid crystal display)
- 3 Menu lever
- 4 CONTRAST control
- 5 BRIGHT (brightness) control
- 6 FEED button
- 7 COPY button
- 8 H PRINT button
- 9 OPEN button
- 10 Paper cutter

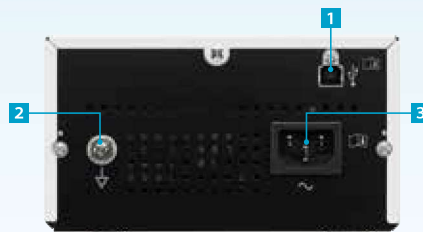


- 1 VIDEO input connector (BNC type)
- 2 VIDEO output connector (BNC type)
- 3 REMOTE (remote commander) connector
- 4 USB connector (type A)
- 5 USB connector (type A) lamp
- 6 USB connector (type B)
- 7 AC IN connector
- 8 Equipotential terminal

UP-D898MD

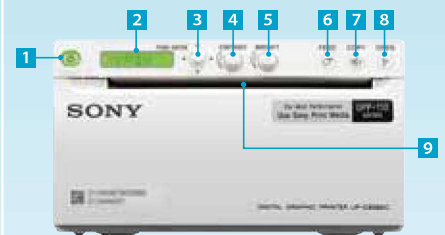


- 1 Power ON/OFF switch
- 2 Printer window display (LCD: liquid crystal display)
- 3 Menu lever
- 4 CONTRAST control
- 5 BRIGHT (brightness) control
- 6 FEED button
- 7 COPY button
- 8 OPEN button
- 9 Paper cutter

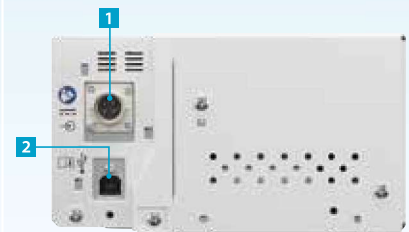


- 1 USB connector (type B)
- 2 Equipotential ground terminal connector
- 3 AC IN connector

UP-D898DC



- 1 ON/STANDBY switch
- 2 Printer window display (LCD: liquid crystal display)
- 3 Menu lever
- 4 CONTRAST control
- 5 BRIGHT (brightness) control
- 6 FEED button
- 7 COPY button
- 8 OPEN button
- 9 Paper cutter



- 1 DC IN connector
- 2 USB connector (type B)

# Specifications

	UP-X898MD	UP-D898MD	UP-D898DC
Printing Method	Direct thermal printing		
Resolution	325 dpi		
Gradations	8 bits (256 levels) processing		
Picture Elements	Digital: 4096 x 1280 dots Video NTSC: 720 x 504 dots Video PAL: 720 x 604 dots	Digital: 4,096 x 1,280 dots	
Picture Area	Digital: 320 x 100 mm/12 5/8 x 3 7/8 inch (Max) STD Video NTSC: 94 x 73 mm, Video PAL: 94 x 71 mm (WIDE1) SIDE Video-NTSC: 124 x 96 mm, Video-PAL: 127 x 96 mm (WIDE1)	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 (at standard setting) (960 x 1,280 dots)		
	Normal speed mode:		
	Approx. 3.3 seconds/image (at standard setting) (960 x 1,280 dots)		
Picture Memory	Digital: 4,096 x 1,280 x 8 (bit) Video: 10 frame memories (850 k x 8 bits per frame)	Digital: 4,096 x 1,280 x 8 (bit)	
Interface	USB terminal (type A) for USB flash drive (x1) Hi-Speed USB (USB 2.0) (x1) VIDEO INPUT: BNC type (x1) NTSC or PAL composite video signals 1.0 Vp-p, 75 ohms (NTSC/PAL automatically discriminated) VIDEO OUTPUT: BNC type (x1) Loop-through REMOTE: Stereo mini jack (x1)	Hi-Speed USB (USB 2.0) (x1)	
Printer Driver Software	Microsoft Windows XP 32/64 bit, Vista 32/64 bit, 7 32/64 bit, 8 32/64 bit		
Power Requirements	AC 100 V to 240 V, 50/60 Hz		12V to 24V DC
Input Current	1.3 A to 0.6 A		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% (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)		154 x 88 x 165 mm (6 1/6 x 3 1/2 x 6 1/2 inches)
Mass	2.5 kg (5 lb 8 oz)		1.8kg (3 lb 15 oz)
Supplied Accessories	Thermal head cleaning sheet (1), CD-ROM (1), Before Using this Printer (1), Service Contact List (1), USB Flash Drive Ex. Cable, Print media (UPP-110HG)	Thermal head cleaning sheet (1), CD-ROM (1), Before Using this Printer (1), Service Contact List (1)	Thermal head cleaning sheet (1), CD-ROM (1), Before Using this Printer (1), Service Contact List (1), European Representative (1)

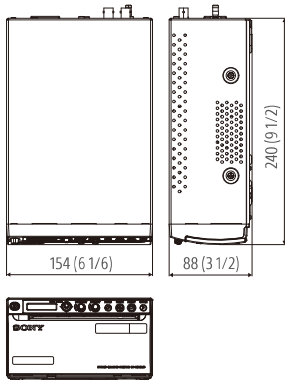
\* The values for dimensions are approximate.

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

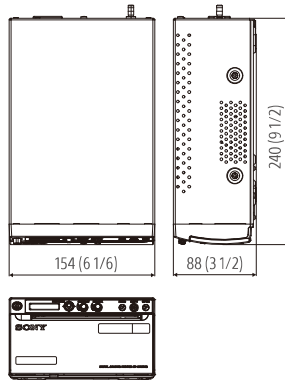
\*\* For more details, please contact your nearest Sony sales office or an authorized dealer.

## Dimensions

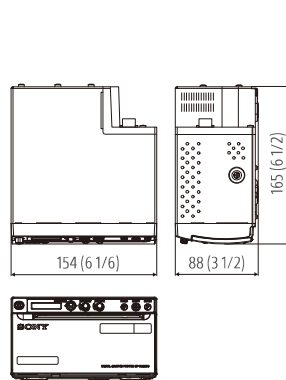
UP-X898MD



UP-D898MD



UP-D898DC



Unit: mm (inches)

## Optional Accessories



FS-24  
Foot Switch

RM-91  
Remote Commander



UPA-WU10\*  
Consists of the  
UPA-WU10T (Transmitter) and  
UPA-WU10R (Receiver)  
\* Supported only by the UP-X898MD

## Printing Paper



UPP-110HG  
Thermal Print Media (High Glossy)  
Paper size: 110 mm (W) x 18 m

UPP-110HD  
Thermal Print Media (High Density)  
Paper size: 110 mm (W) x 20 m

UPP-110S  
Thermal Print Media (Normal)  
Paper size: 110 mm (W) x 20 m

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