



## UP991AD

### Black & White Hybrid Graphic Printer. Prints film and paper

UP-991AD Black and white HYBRID graphic printers that support both analog and digital applications. This dual compatibility is especially critical as imaging systems make the transition from analog to digital technology. The UP-991AD uses the blue thermal media (UPT-210BL) which produces high quality film-like transparencies. The UP-991AD Hybrid printers are the ideal choices for medical black and white analog and digital applications such as ultrasound, mobile c-arm, and cardiac cath lab.



## Specification

Specifications	
Dimensions (W x H x D)	316 x 132.5 x 265 mm (12 1/2 x 5 1/4 x 10 1/2 inch)
Gradations	8 bits (256 levels) processing
Input Current	2.9 A to 1.2 A
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 1.0Vp-p, 75ohm (NTSC/PAL automatically discriminated) VIDEO OUTPUT: BNC type (x1) Loop-through REMOTE: Stereo mini jack (x1)
Mass	7 kg (15lb 7oz)
Operating Humidity	20% to 80% (no condensation allowed)
Operating Temperature	5°C to 35°C (41°F to 95°F)
Paper Size	Paper width of 210 mm (8 1/4 inches)
Picture Area	DIGITAL: 600 x 200 mm (23 5/8 x 7 7/8 inch) (Max) VIDEO: STD NTSC: 182 x 144 mm PAL: 188 x 140 mm SIDE NTSC: 244 x 184 mm PAL: 244 x 183 mm
Picture Elements	Digital: 7680 x 2560 dots Video NTSC: 720 x 504 dots Video PAL: 720 x 604 dots

# SONY

Picture Memory	Digital: 2816 x 7680 x 8 bits</BR> Video: 6 frames (720 x 608 x 8 bits for one frame)
Power Requirements	AC 100 V to 240 V, 50/60 Hz
Printer Driver Software	Microsoft Windows XP 32/64, Vista 32/64, 7 32/64, 8 32/64
Printing Method	Direct thermal printing
Printing Time	Approx. 8 seconds/image (in standard mode)
Resolution	325 dpi
Storage and Transport Humidity	20% to 80%
Storage and Transport Temperature	-20°C to +60°C (-4°F to +140°F)
Supplied Accessories	Print Media (1), Thermal head cleaning sheet (1), CD-ROM (1), Before Using this Printer (1), Service Contact List (1)