



**IMAGE**  
— TECHNOLOGY —

## DESKTOP DIRECT THERMAL WRISTBAND PRINTER

*Every feature you need for medical and entertainment wristband printing*

### KEY FEATURES:

- High resolution 300 dpi printer, also available in 203 dpi resolution
- Up to 50% cost on competitive solution
- Designed to hold 6.5"OD wristbands
- Front LCD display
- High quality double-walled clamshell design
- Easy media loading
- Up to 127 mm (5") per second print speed
- MicroSD Flash memory expansion up to 4 GB
- Ethernet and USB 2.0 connectivity standard
- Optional peel-off module, cutter module and down-time keyboard interface
- Minimal user training required
- Cerner Certified
- Compatible with Peacock Bros wristbands
- Compatible with Peacock Bros Print Management Solution



### APPLICATIONS:

- **Healthcare:**
  - Patient ID tracking
  - Hospital Admissions
- **Entertainment & Hospitality:**
  - Amusement Parks
  - Water Parks
  - Event Admissions
  - Night Club Age Verification
- **Other Markets:**
  - Law Enforcement
  - Crowd Control
  - Animal ID
  - Restricted Area Access

## Product Specifications

Printer Model	iMWBP2
Resolution	12 dots / mm (300 DPI)
Printing Method	Direct Thermal
Max. print speed	102 mm (4") / second
Max. print length	48 mm (1.89")
Endlosure	Clamshell design with wall mount hole at the bottom cover
Physical Dimension	109mm (W) x 210mm (H) x 260mm (D) (4.29"W x 8.27"H x 10.24"D)
Weight	1.2 Kg (2.65 lbs)
Label roll capacity	165 mm (6.5") OD
Processor	32-bit RISC CPU
Memory	4 MB Flash memory, 8 MB SDRAM, microSD card reader for Flash memory expansion, up to 4 GB
Interface	USB 2.0, Internal Ethernet (10/100 Mbps), USB host (for scanner or PC keyboard)*
Power	External universal switching power supply: - Input: AC 100-240V, 1A, 47-63Hz / - Output: DC 24V, 2.08A, 50W
LCD	Graphic type, 128 x 64 pixels, with back light
Operation switch, button LED	1 power switch, 1 feed button & 1 LED (3 colours: green, amber & red)
Sensors	Transmissive gap sensor. Black mark reflective sensor (position adjustable), head open sensor
Real time clock	Standard
Internal fonts	8 alpha-numeric bitmap fonts  Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
Barcode	1D barcode: Code 39, Code 93, Code 128 subsets A,B,C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN & UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 DataBar, Code 11. 2D barcode: PDF-417, Maxicode, DataMatrix, QR code, Aztec
Font & Barcode rotation	0°, 90°, 180°, 270°
Print language	TSPL-EZ™
Media type	Continuous, die-cut, black mark, fan-fold, notched, wristband (outside wound)
Media width	15 ~ 52 mm (0.59" ~ 2.05")
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)
Media core diameter	25.4 mm (1")
Label length	10 ~ 2,286 mm (0.39" ~ 90") / 10 ~ 1,016 mm (0.39" ~ 40")
Environment condition	Operation: 5° ~ 40°C, 25 ~ 85% non-condensing / Storage: -40° ~ 60°, 10 ~ 90% non-condensing
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TUV/Safety, CCC
Environmental concern	Comply with RoHS, WEEE
Accessories	Windows labelling software CD disk, Quick start guide, USB cable, Power cord, External universal switching power supply
Limited warranty	Printer : 2 years, Print head: 25 km (1 million inches) or 12 months which comes first, Platen: 50 km (2 million inches) or 12 months which comes first
Factory options	USB port, for scanner or PC keyboard
Dealer options	Peel-off module / Guillotine cutter (full cut and partial cut)
User options	N/A

\*Factory option