



Super Fast Wristband & Label Printers



Wall Mountable Solution to Save Counter or Cart Space

The ISG™ Summit Series S100 is one of the fastest and easy-to-use thermal wristband and label printers in the industry. Its sturdy construction, simple operation and easy loading features make it a necessity for a variety of healthcare applications such as bedside labels, patient wristbands, sample labels and more. Using our PAL interface, it can effortlessly connect to about any printing application you need!

Standard Features

- PAL Plus, Zebra, Eltron and Datamax emulations
- Easy to read LCD display
- 203 dpi and 300 dpi printhead resolutions
- Fast print speeds up to 5 ips
- Easy media loading
- Adjustable media sensor
- Real time clock standard
- Internal LAN version for simple network connection
- Wall mountable to save desktop or cart space
- Downtime mode allows for printing offline

Durable, Fast & Versatile!

The Power of PAL

Printer Application Language (PAL) is a dynamic, fully functional programming language that interprets and accepts existing data streams from a host system without host reprogramming. A custom PAL program can be prepared for each of your unique applications and then preloaded into your ISG Summit Series thermal printer.

PAL programs enable label printer by filling in the variable fields using your current data stream - allowing you to update legacy labels / wristbands with barcodes, lines, graphics or scaled fonts to meet new compliance standards.



ISG™ Summit Series S100

Printer Specifications Include:

Printer Model	S100
Resolution	203 dpi or 300 dpi
Command Set	PAL Plus, TPLZ, TPLE and TPLD
Printing Method	Direct Thermal on 203 dpi Direct Thermal and Thermal Transfer on 300 dpi
Print Speed	Up to 5 ips on 203 dpi Up to 3 ips on 300 dpi
Max Print Width	2"
Media Width	0.6" to 2.2" on 203 dpi 0.6" to 2.36" on 300 dpi
Label Roll Capacity	6.5" OD on 203 dpi 5" OD on 300 dpi
Max Print Length	90" on 203 dpi 40" on 300 dpi
Media Core Diameter	1" to 1.5" on 203 dpi 1" on 300 dpi
Media Types	Wristbands (continuous, die-cut, fan-fold, tag, notch, black mark)
Sensors	Gap, black mark, reflective, head open, transmissive
Enclosure	Clamshell design with wall mount holes
Physical Dimensions	203 dpi - W 4.3" x H 8.2" x D 10.2" 300 dpi - W 5.5" x H 6.98" x D 9.5"
Processor	32-bit RISC CPU
Memory	4 MB Flash 8 MB SDRAM SD card slot for memory expansion

Real Time Clock	Standard
Interfaces	USB and LAN or USB and RS-232 Optional USB host keyboard port
Linear Barcodes	Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 Data Bar, Code 11
2D Barcodes	PDF-417, Maxicode, Data Matrix, QR Code, Aztec
Power	Input: AC100-240V, 50-60Hz Output: 24 VDC, 2 A External universal switching power supply
Environment Conditions	Operation: 41°-104° F, 25-85% non-condensing RH Storage: -40°-140° F, 10-90% non-condensing RH
Agency Approval	CE Class B, FCC Class B, CB, CCC, TUV/GS, CUL, UL, C-Tick Class B
Warranty	2 years on printer, 1 year on printhead
Reliability TPH	98K feet or 1 year whichever comes first Platen is 164 feet



Identification Systems Group

— The ISG™ is a nationwide network of local experts in identification, security, and card personalization, providing high quality, cost-effective solutions backed by local support and the strength of our Professional Services Certification program. Each company works together to provide seamless nationwide support and collaboration in the identification and card issuance industry.

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