ISG™ Summit Series S500

Durable, Fast & Versatile!

The Industry Standard in Reliable Desktop Thermal Printing

The ISG™ Summit Series S500 thermal printer is one of the most reliable and durable printers in the industry. Available in both thermal transfer and direct thermal models, the S500 is also one of the best values on the market. With industrial-level features and fast printing capabilities, it is perfect for a variety of applications including wristbands, labels and receipts for healthcare, retail, inventory, process control or shipping.

Standard Features

- PAL, EZPL and DPL emulations
- Clamshell design for easy media loading
- Adjustable pressure and media sensors
- Full 5" OD media roll capacity
- USB, Parallel, and RS-232 interfaces
- Internal LAN option
- 203 dpi or 300 dpi printhead resolution
- Optional battery powered models

Innovative Dual Motors & Gears for High Print Volumes

The Power of PAL

Printer Application Language (PAL) is a dynamic, fully functional programming language that interprets and accepts existing data streems 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.

PAL
It speaks your language

www.IdentificationSystemsGroup.com

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Printer Specifications Include:

Printer Model	S500
Resolution	203 dpi or 300 dpi
Command Set	PAL, EZPL and DPL
Printing Method	Direct Thermal and / or Thermal Transfer
Print Speed	Up to 5 ips on 203 dpi Up to 3 ips on 300 dpi
Max Print Width	4.25"(108mm) on 203 dpi 4.09"(104mm) on 300 dpi
Media Width	0.75"(19mm) to 4.4"(118mm)
Label Roll Capacity	5" (127mm) OD
Max Print Length	39.3" (999mm) on 203 dpi 16.5" (419mm) on 300 dpi
Media Thickness	0.002" (0.06mm) to 0.01" (0.25mm)
Media Core Diameter	1" (25mm) to 3" (76mm)
Media Types	Label and tag (die-cut, continuous, fan-fold)
Max Ribbon Width	1" (25.4mm) to 4.33" (110mm)
Sensors	Label gap, reflective, head open
Enclosure	Metal cabinet construction with plastic view window
Operator Panel	1 push switch, 1 LED indicator
Physical Dimensions	W 8.4" x H 6.5" x D 9.5"
Weight	3.9 lbs (1.8kg) plus battery 2.8 lbs (1.3kg)
Memory	2 MB Flash 2 MB DRAM
Interfaces	USB, Parallel and RS-232

Resident Fonts	San Serif and OCRB with smooth scaling
Font / Barcode Rotation	0°, 90°, 180° and 270°
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, RSS
2D Barcodes	PDF-417, Data Matrix
Software	PAL Windows drivers
Power	100-240V universal switching
Environment Conditions	Operation: 40°-104° F, (5° to 40° C) Storage: 14°-140° F, (-10° to 60° C) Humidity: 20-95%
Pack / Charger Operation	Standby 8 hours and printing 2,000 inches Charge / Discharge cycle guarantee 500 times
Agency Approval	CE Class B (EN60950, EN55022, EN55024, EN61000-3-2, EN61000-3-3), FCC Class B, VCCI, US, CUL, TUV, C-Tick, T-mark (power supply only)
Warranty	2 years on printer, 1 year on printhead
Stand Alone KDU	KP-007 keyboard display unit and External LAN adapter
Accessories	Includes CD, USB cable, and quick start guide
Options	Label taken sensor, real time clock, buzzer, linerless printing capability, external roll mount (8" OD with 1" core), peeler, cutter

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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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