

# 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 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.



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## Printer Specifications Include:

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

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



## 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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