

# ISG™ S600 Thermal Printer



*ISG™ Summit Series S600 —  
High performance and production*

## **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 printing by filling in the variable fields using your current data stream — allowing you to update legacy labels/wristbands with bar codes, lines, graphics or scaled fonts to meet new compliance standards.



A powerful, full featured, high performance printer, the ISG™ Summit Series S600 thermal printer offers excellent value. Its low profile handles an 8” outer diameter label roll and delivers fast throughput. You do not need to experience any “down time” either; just plug in a standard keyboard to print wristbands or labels when your main HIS system is unavailable. The S600 is perfect for healthcare applications, including patient wristbands and a variety of labels (pharmacy, laboratory, materials management and more).

ISG Summit Series thermal printers feature Printer Application Language (PAL™). Now you don’t need to get a different software-specific printer for every application in your facility. Replace your old dot-matrix, thermal, inkjet, laser, embosser or line printers with a PAL-enabled ISG Summit Series printer today.

## **Industrial-Strength Construction**

- All metal construction to withstand tough production environments
- Designed for ease of use (ribbon and label loading)
- Easily adjustable printhead pressure and media sensors
- Full 8” Outer Diameter (OD) roll media capacity

## **Standard Features**

- Powerful and versatile “PAL” plus other popular emulations
- Easy to read LCD display
- Parallel, serial, and USB ports
- Both 203 and 300 dpi models
- Internal LAN option



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## PRINTER SPECIFICATIONS:

|                                  |   |                                |  |
|----------------------------------|---|--------------------------------|--|
| <b>Printer Model</b>             | S600  | <b>Physical/Electrical</b>     | Dimension: 11.85" (W) x 16.54" (D) x 9.49" (H)<br>(301mm (W) x 420mm (D) x 241mm (H))<br>Net Weight: 29 lbs (13kg)<br>Electrical: 100-240V universal switching power supply, Cabinet Metal construction with view window |
| <b>Print Speed</b>               | 203 dpi 2 to 6 ips 300 dpi 2 to 4 ips   | <b>Operation Panel</b>         | LCD display (122 x 32 pixel), LED (power, error, online), switch (pause, feed, menu)   |
| <b>Resolution</b>                | 203 dpi (8 dots/mm) 300 dpi (12 dots/mm)  | <b>Operating Temp.</b>         | 40° to - 104°F (-5° to - 40°C)   |
| <b>Command Set</b>               | 203 dpi: PAL, EZPL, DPL<br>300 dpi: PAL, EZPL   | <b>Storage Temperature</b>     | 14° to - 140°F (-10° to - 60°C)  |
| <b>Resident Fonts</b>            | San Serif and OCRB with smooth Scaling  | <b>Agency Approval</b>         | CE, FCC Class A, UL, CUL, TUV  |
| <b>Font and Barcode Rotation</b> | 0, 90, 180, 270 degrees   | <b>Stand-Alone KDU Options</b> | KU-007 plus keyboard display unit<br>Flash memory expansion module up to 8MB, Peeler, Cutter, Internal LAN, Real time clock  |
| <b>Bar Code Symbologies</b>      | Code 39, Code93, 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>Accessories</b>             | Includes CD, Ribbon for TT, USB cable and Quick Start Guide  |
| <b>2-D Bar Code Symbologies</b>  | PDF-417, DataMatrix   |                                |  |
| <b>Max Print Width</b>           | 203 dpi 0.25" (6mm) to 4.25" (108mm)<br>300 dpi 0.25" (6mm) to 4.09" (104mm)  |                                |  |
| <b>Print Length</b>              | 203 dpi (max.) 39" (990mm)<br>300 dpi (max.) 18" (457mm)  |                                |  |
| <b>Printing Method</b>           | Thermal transfer and Direct thermal   |                                |  |
| <b>Media Size</b>                | Min width: 1" (25.4mm)<br>Max width: 4.4" (116mm)<br>Media Diameter (max.): 8" OD (203mm OD) with 1", 3" core (25mm, 76mm)<br>Media Thickness: 0.002" - 0.01" (0.06mm - 0.25mm) |                                |  |
| <b>Media Type</b>                | Roll and label (continuous, die-cut, fan-fold, ticket etc, tag is option)   |                                |  |
| <b>Sensors</b>                   | Label gap, paper end, ribbon near end, black mark, peel-off (option)  |                                |  |
| <b>Ribbon</b>                    | Max Length: 984 ft. (300m)<br>Width: 1" - 4.33" (25.4mm - 110mm)  |                                |  |
| <b>Memory</b>                    | 2MB DRAM, 2MB Flash<br>(1MB onboard Flash optional)   |                                |  |
| <b>Software</b>                  | PAL Windows drivers   |                                |  |
| <b>Communication Interface</b>   | RS232 and Centronics Parallel Ports, USB  |                                |  |

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