



Rugged Construction for Demanding Environments



High Performance Barcode Label Printer with Color Touch Display

The ISG™ M8x thermal printer is perfectly suited for mission critical applications. It is built with heavy duty die-cast aluminum and an industrial-grade performance processor resulting in tremendously fast print speeds for both on-demand and batch printing applications. It also features a 4.3" color LCD and touch panel for easy use without requiring a dedicated PC or any reprogramming of your host system.

Standard Features

- PAL Plus, Zebra, Eltron and Datamax emulations
- Print speeds up to 14 ips
- 203, 300 and 600 dpi printhead resolutions
- Real Time Clock included
- Media window for easy monitoring
- LAN, USB, serial, parallel and GPIO interfaces
- Two USB host keyboard ports - front and back
- Easy-to-read LCD display for downtime and stand-alone applications
- 128 MB Flash memory
- 600 meter ribbon capacity

Industrial Strength Construction with Economical Integration

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™ M8x Thermal Printer

Printer Specifications Include:

Printer Model	M8x
Resolution	203, 300 or 600 dpi models
Command Set	PAL Plus, EZPL, DPL
Printing Method	Direct Thermal and Thermal Transfer
Print Speed	Up to 14 ips – 203 dpi Up to 10 ips – 300 dpi Up to 6 ips – 600 dpi
Max Print Width	4.09"
Media Width	0.78 to 4.49"
Max Print Length	1000 inches – 203 dpi 450 inches – 300 dpi 100 inches – 600 dpi
Media Core Diameter	3"
Ribbon Capacity	600 meter, 1" core (ink coated outside/inside)
Media Types	Continuous, die-cut, fan-fold, tag, notch, black mark (outside wound)
Sensors	Gap, transmissive, black mark reflective, head open, ribbon end, ribbon encoder
Enclosure	Die-cast based print mechanism and frame/aluminum cover with large clear media window
Physical Dimensions	11.81" (W) x 15.47" (H) x 20.08" (D)
Label Roll Capacity	8.0" OD
Processor	32-bit RISC CPU
Real Time Clock	Standard

Memory	128 MB Flash 128 MB SDRAM SD card slot for memory expansion up to 32 GB
Interfaces	RS-232, Centronics, USB 2.0, Ethernet 10/100 Mbps, Two USB host ports (front and back) Optional: GPIO, Bluetooth and WiFi 802.11b/g/n
Linear Barcodes	Code 39, Code 93, Code128UCC, Code128 subsets A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 Data Bar, Code 11, RSS stacked
2D Barcodes	PDF-417, Maxicode, Data Matrix, QR Code, Aztec
Power	External universal switching power supply Input: AC 100~240V, 50~60Hz, 5.5A Output: DC 24V, 14.58A, 200W
Environment Conditions	Operation: 41 – 104 F, 25 – 85% non- condensing Storage: -40 – 140 F, 10 – 90% non- condensing
Reliability	TPH: 27,340 yds or 12 months whichever comes first Platen: 54,670 yds
Warranty	2 years on printer, 1 year on printhead
Agency Approval	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TUV/GS, CCC



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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