



## Specifications at a Glance\*

### Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Polycarbonate plastic case
- ZebraLink
- Smooth scalable fonts
- 15 standard bar codes and seven two-dimensional symbologies resident in printer
- Label tear-off feature
- Transmissive sensor
- Fully enclosed 8" O.D. media compartment
- Zebra's E<sup>3</sup> Printhead Energy Control
- Auto-calibration
- Auto-synchronization of serial and parallel ports

### Programming Languages

- ZPL® & ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables compatibility with other Zebra printers.
- ZBI—Controls and interprets text and data streams from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

### Operating Characteristics

#### Environment

- Operating Temp. 40°F/5°C to 105°F/40°C
- Storage/Environ. -40°F/-40°C to 140°F/60°C
- Operating Humidity 20-85% non-condensing
- Storage Humidity 5-85% non-condensing

#### Electrical

- Internal automatic switching power supply 110VAC +/-20%, 230VAC +/-15%, 47-63Hz

#### Communication Interface Capabilities

- Auto-synchronizing RS-232C serial and Centronics® parallel ports
- Error detection CRC protocol

#### Agency Approvals

- CSA 22.2 (No. 950); UL 1950; CISPR 22 (Class B); IEC 950/EN 60950; 801-2, -3 and -4 standards; FCC (Class B); CE compliance

### Media Characteristics

#### Labels

- Max. Roll Size
- 8"/203mm O.D. on a 3"/76mm I.D. core

- Thickness (label & liner)
- .0023"/.058mm-.012"/.305mm

#### Media Types

- Continuous or fanfold, die-cut, black mark, perforated, notched, tag stock

For optimum print quality and printer performance, use Genuine Zebra supplies.

#### Ribbons

- Max. Roll Size
- 3.2"/81mm O.D. on a 1"/25.4mm I.D. core

#### Standard Lengths

- 1,476/450m; provides 3:1 media roll to ribbon ratio

#### Ribbon Set-up

- Ribbon wound ink side out

Ribbon is recommended to be at least as wide as media.

### Fonts/Graphics/Symbologies

#### Fonts and Character Sets

- Standard Fonts: 9 bitmapped (16 in S400), 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Optional European and Asian font sets

#### Graphic Features

- Supports user-defined fonts and graphics—including custom logos
- ZPL II drawing commands—including boxes and lines

#### Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, UCC/EAN 128, UPC and EAN 2 or 5 digital extensions, Plessey, POST-NET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417

### Options and Accessories

- 8MB Flash memory with real-time clock (for applications requiring additional memory or date/freshness coding)
- Cutter
- Reflective media sensor

- Label peel-off
- ZebraNet® PrintServer II (external)
- BAR-ONE® software
- European and Asian font sets



S 4 0 0



S 6 0 0

Both the S400 and S600 are perfect for moderate printing needs in commercial or light industrial applications, including:

- Professional/Business offices
- Hospitals and healthcare; medical laboratories
- On-demand shipping labels and parts tracking

- Incoming product labeling
- Receipts and ticketing

### ZebraLink™



ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. *Alert* (with ZebraNet® PrintServer II)—enables a Zebra printer to send status messages via the Internet.
2. *WebView* (with ZebraNet PrintServer II)—enables the remote monitoring and configuration of Zebra printers using Web-based network tools.
3. *ZBI*™ (Zebra BASIC Interpreter)—programming language that works with ZPL II to control and interpret incoming text and data.

ZebraLink gives you the freedom to replace other bar code printers with the superior performance and reliability of Zebra printers, without costly reprogramming of your host system. Or, create a stand-alone application using a Stripe printer and peripheral devices without needing a PC. Internet-aware, ZBI can then transmit data captured by these devices over your LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

### Maximum Print Area

- Width: 4.09"/104mm
- Length (with standard memory):
  - 36"/914mm (S400)
  - 39"/991mm (S600)

### Resolution

203dpi/8dots per mm

### Maximum Print Speed

- 4"/102mm per second (S400)
- 6"/152mm per second (S600)

### Memory

- Standard:
  - 1MB DRAM (S400)
  - 1MB Flash, 2MB DRAM (S600)
- Optional: 8MB Flash memory with real time clock

### Physical Characteristics

- Width: 8.25"/210mm
- Depth: 17"/432mm
- Height: 13"/330mm
- Weight: 17lbs/7.71kg

### Media Specifications

- Label and liner width:
  - .75"/19mm to 4.5"/114mm
- Ribbon width:
  - 1.57"/40mm to 4.5"/114mm

\*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.