

110XiIIIPlus™

High-performance Bar Code Printer

All the Pluses of an XiIIIPlus

Like every XiIIIPlus, it also offers a 32-bit processor for fast throughput, 16MB SDRAM memory for fast "first-label-out" printing, and CompactFlash® for added label format/font storage. It also has the most connectivity choices, including ZebraLink™ for remote printer management, ZebraNet® Wireless Card Socket and USB 2.0, serial, and parallel ports.

The 110XiIIIPlus can print reduced space symbology (RSS) – perfect for pharmaceutical companies wishing to comply with Federal Drug Administration (FDA) requirements for unit-of-use marking.



Reliability on demand™

110XiIIIPlus™

High performance and tremendous value

- Meets mission-critical, 24/7 heavy industrial demands
- 104mm print width with a choice of 203-, 300- or 600-dpi resolution
- Handles print jobs from small, sharply detailed labels for components or products, up to 104 x 152mm compliance shipping labels

For further information on these products, please visit the Zebra web site at: www.zebra.com



Zebra Bar Code Products

European Headquarters

Zebra House, The Valley Centre
Gordon Road, High Wycombe
Buckinghamshire HP13 6EQ
United Kingdom
Tel: +44 (0)1494 472872
Fax: +44 (0)1494 450103

Regional Sales Office

Birkenwaldstr. 38
D-63179 Obertshausen
Germany
Tel: +49 (0)6104 70990
Fax: +49 (0)6104 709922

Regional Sales Office

50 rue Marcel Dassault
F-92100 Boulogne-Billancourt
France
Tel: +33 (0)1 55 20 93 93
Fax: +33 (0)1 55 20 93 99

International Headquarters

333 Corporate Woods Parkway
Vernon Hills, IL 60061-3109
USA
Tel: +1 (847) 634-6700 or (800) 423-0442
Fax: +1 (847) 913-8766

Other Locations

United States: California, Florida, Rhode Island, Wisconsin

Europe: Denmark, Italy

Asia-Pacific: Australia, China, Japan, Singapore, South Korea

Middle East: Dubai



© 2003 Zebra Technologies Europe Limited
Printed in the UK

FS-30902
An ISO 9000 registered company

12538L (06/03)

Standard Features

- Print methods: Thermal transfer and direct thermal
- Construction: 12-gauge steel frame
- 16MB SDRAM; 4MB non-volatile flash memory
- ZebraLink™ connectivity
- Single 32-bit 133MHz RISC processor
- Bi-fold media door with clear panel
- Advanced counters
- Early warning system – indicates when to service print-head or change ribbons/media
- 300 unique darkness settings for print quality
- USB 2.0 port for faster connectivity and throughput (plug and play)
- Serial and parallel ports
- Multilingual backlit LCD control panel
- PCMCIA socket
- CompactFlash® socket
- Transmissive and reflective media sensors
- Multi-level Element Energy Equalizer (E³) for superior print quality
- Zebra printer driver for Windows® 95, 98, NT® and 2000

Programming Language

- ZPL II® – Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers
- ZBI™ – Controls and interprets text and data 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 Temperature (TT): 5°C (41°F) to 40°C (104°F)
- Operating Temperature (DT): 0°C (32°F) to 40°C (104°F)
- Storage/Transport Environ. -40°C (-40°F) to 60°C (140°F)
- Operating Humidity 20 to 85% non-condensing
- Storage Humidity 5 to 85% non-condensing

Electrical

- Universal power supply with power-factor correction 90-264VAC; 48-62Hz

Communication Interface Capabilities

- USB 2.0 port (480Mbps/second)
- RS232C/422/485 multi-drop

Media Characteristics

Labels

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

Thickness (label & liner)

- 0.076mm (0.003") to 0.305mm (0.012")

Media Types

- Continuous, die-cut or black mark

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

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Bitmap fonts A to H and GS symbols are expandable up to 10 times, height-and width-independent
- Smooth-scalable font O (CG Triumvirate™ Bold Condensed) is expandable dot-by-dot, height-and width-independent
- IBM Code Page 850 International Characters

Graphic Features

- Supports user-defined fonts and graphics – including custom logos

Options and Accessories

- ZebraNet PrintServer II
- ZebraNet Wireless Card Socket
- Rewind
- Cutter
- Rigid media door with clear panel
- Label peel
- Media supply spindle for 40mm cores

- Hi-speed, bi-directional, IEEE 1284 parallel interface
- ZebraNet® PrintServer II (optional)
- ZebraNet Wireless Card Socket (optional)

Agency Approvals

- Bi-National UL 60950 3rd edition/CSA CAN/CSA-C22.2 No. 60950-00 Third Edition; IEC 950/EN60950:1992 w/amendments 1 to 4 (CB Scheme); EN55022: 1998 Class B; EN55024: 1998; EN61000-3-2,3 w/amendment A12; Canadian ICES-003, Class B; FCC Class B; Argentina 92/98 Phase 3; Australia AS/NZS 3548; R.O.C. CNS 13438

Ribbons

Ribbon is recommended to be at least as wide as media

Max. Roll Size

- 81.3mm (3.2") O.D. on a 25.4mm (1") I.D. core

Standard Lengths

- 450m (1,476') or 300m (984'); provides 3:1 and 2:1 media roll to ribbon ratios

Ribbon Set-up

- Ribbon wound ink-side out

Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2-or 5-digit extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar and Planet code
- 2-Dimensional: Codablock, PDF-417, Code 49, Data Matrix, Maxi Code, QR Code, TLC 39 and RSS code

- Scalable and international fonts
- PC cards
- CompactFlash (CF) card
- Applicator interface
- IBM twinax interface
- IBM coax interface
- BAR-ONE® software



110XIIIPlus™

The 110XIIIPlus integrates easily into a variety of industries and printing applications.

- Life sciences – Small, high-resolution labels for phials and slides; unit-of-use labels for pharmaceutical products and packages; labels for surgical tools and diagnostic kits
- Electronics – Top- and underside circuit board labelling; UL-Recognised/CSA-Accepted serial plate labels printed on demand
- Telecommunications – Product identification labels with company logos and Telecommunications Industry Forum-required TLC39 stacked bar codes

ZebraLink



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

1. *Alert* (with ZebraNet Print-Server II) – enables a Zebra printer to send status messages via any e-mail-enabled device.
2. *WebView* (with ZebraNet Print-Server 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 re-programming of your host system. Alternatively, create a stand-alone application using a 110XIIIPlus 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: 203dpi: 104mm (4.09")
300dpi: 104mm (4.09")
600dpi: 81mm (3.2")
Length: 991mm (39")

Resolution

8 dots per mm (203dpi)
12 dots per mm (300dpi)
23.5 dots per mm (600dpi)

Maximum Print Speed

254mm (10") per second at 203dpi
203mm (8") per second at 300dpi
102mm (4") per second at 600dpi

Memory

16MB SDRAM; 4MB non-volatile flash memory

Physical Characteristics

Width: 263.5mm (10.37")
Depth: 495.3mm (19.5")
Height: 393.7mm (15.5")
Weight: 22.7kg (50lb)

Media Specifications

Label and liner width:
20mm (0.79") to 114mm (4.5")

Ribbon Width:

20mm (0.79") to 110mm (4.33")

*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.