Zebra® KR400™ Series Kiosk Receipt Printers

Building on Zebra® kiosk printers' reputation for reliable performance in tough printing environments, the KR403™ receipt printer offers enhancements ranging from excellent print quality to expanded memory, fonts and bar code sets—including the retail-industry-required GS1 bar code.

The KR403 is easy to integrate into kiosk designs thanks to its compact footprint, range of mounting configurations, and Zebra Programming Language (ZPL®), which increases functionality and allows for a wide variety of applications. And, it decreases total cost of ownership and raises customer satisfaction with features that reduce upkeep and downtime. The large 9.8"/250 mm media roll capacity, for example, means fewer roll changes. Paper-low and other automatic remote alerts enable proactive diagnostics and maintenance. And, to curtail paper jams, count on the patented looping presenter with integrated cutter and a retract function that retains left-behind printouts—protecting kiosk user's privacy and reducing litter.

The KR403 offers a variety of ways to connect—from serial and USB interfaces to 10/100 Ethernet—for simple kiosk integration. Enabling easy setup and configuration via Zebra advanced printer management tools, the KR403 optional Ethernet connectivity offers optimal integration for today's network environment.

Zebra Kiosk Receipt Printer Advantages

Unremitting Reliability to Keep Kiosks Printing

Optimized for tough printing environments where durability, reliability, minimal maintenance and ease of use are critical, Zebra printers maximize uptime and minimize upkeep.

Easy to Integrate in Kiosk Designs

A small footprint and flexible mounting options make our printers ideal for a variety of applications—whether embedded in a custom kiosk solution or Zebra's Kiosk Print Station.

End Benefits

As an integral part of a self-service kiosk solution, Zebra printers help companies improve service, raise customer satisfaction, increase revenue, and lower operational costs.

Specifications at a Glance*

Printer Model
KR403

Standard Features
- Print methods: direct thermal receipt and label printing for 2.3"/58 mm to 3.25"/82.5 mm width media
- Patented looping presenter with pull detector and retract & retain function
- Auto media loading
- Horizontal and vertical mounting capability
- Various media mounting options behind and below give flexibility to kiosk design, up to 9.8"/250 mm diameter media rolls
- USB and RS232 serial connectivity
- 203-dpi printing
- Excellent print quality achieved through printhead alignment features and Element Energy Equalizer™ (E^3™) for superior print quality
- Windows® drivers for plug and play
- 21 resident 1-D and 10 resident 2-D bar codes
- 15 bitmap fonts and 1 scalable font
- Unicode™-compliant
- 1.5 MB Flash memory supports a wide range of graphic types
- Maintenance alerts
- Numerous software tools for commissioning, using and troubleshooting the printer

Printer Specifications
Resolution
203 dpi/8 dots per mm

Max Print Width
3.1"/80 mm

Max Print Length
23.6"/600 mm

Print Speed
6"/152 mm per second

Media Sensors
Out-of-paper, paper in presenter, paper in retract path, black mark, and input for external paper-low sensor

Media Characteristics
Max Roll Size
9.8"/ 250 mm

Core Diameter
1"/25 mm typical, 0.5"/12 mm with optional accessories

Media Thickness
0.002"/ 0.054 mm to 0.004"/ 0.11 mm

Media Types
Roll or fanfold paper, label with black mark

Operating Characteristics
Environmental
- Operating Temp.: 14° F/-10° C to 122° F/50° C
- Storage Temp.: 14° F/-10° C to 122° F/50° C
- Operating Humidity: 10% to 95% non-condensing
- Storage Humidity: 5% to 95% non-condensing excluding paper

Electrical
24Vdc +/-5% average of 2.92A when printing

Physical Characteristics
Embedded
- Width: 4.2"/107 mm
- Height: 2.7"/68 mm
- Depth: 5.7"/144 mm
- Weight: 2.4 lbs/1.1 kg

Fonts/Graphics/Symbologies
Bar Codes
- Linear Bar Codes: Codabar, Code 11, Code 128, Code 128 with subsets A/B/C/ Code 39, Code 93, EAN-13, EAN-8, EAN-13 and EAN-8 with 2 or 5 digit extensions, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, MSI-3, Plessey, Postnet, RSS (reduced space symbology), Standard 2-of-5, UCC/ EAN-128, UPC-A, UPC-A and UPC-E with 2 or 5 digit extensions, UPC-E
- 2-Dimensional Bar Codes: Aztec, Codablock, Code 49, Data Matrix, MacroPDF417, Maxicode, MicroPDF417, PDF417, QR Code, RSS/GS1 DataBar Family (12 bar codes)

Graphics
Supports user-defined fonts and graphics—including custom logos

Shared Fonts
15 bitmap fonts and one scalable font

Communication and Interface Capabilities
- RS-232 serial and USB 1.1 (2.0 compatible)
- 10/100 Ethernet and USB 1.1 (2.0 compatible)—Optional

Operating System
Operating System: Windows® XP, Vista, 7, Server 2003, OPOS and Linux™—RedHat and Caldera

Options and Accessories
- Media guides: 58, 60, 80, and 82.5 mm
- Roll holder "universal" variable position, 7.9"/200 mm diameter max
- Adapter for roll holder below position, 9.8"/250 mm diameter max
- Roll holder wall mount, 5.9"/150 mm diameter max
- Quick fit hubs for easy mounting and removal of printer
- Paper-low sensor with 11.8"/300 mm cable
- Adapter plate and spindle for 0.5"/12 mm media rolls
- Paper-low sensor with 19.7"/500 mm cable
- Output bezel for easier integration
- Output shutter to protect the printer from intrusion or damage
- Accessory kits for quick deployment
- ZBI 2.0™—Zebra Basic Interpreter for stand-alone applications
- Expanded 64 MB flash memory
- Large media roll adapter
- Small media core adapter
- Paper-low sensor with 19.7"/500 mm cable
- 10/100 Ethernet and USB 1.1 connectivity

*Specifications subject to change without notice.
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ZEBRA TECHNOLOGIES

www.zebra.com

Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
apacchannelmarketing@ zebra.com

EMEA Headquarters
+44 (0)1628 556000
mseurope@zebra.com

Latin America Headquarters
+1 847 955 2283
inquiry4@zebra.com

Other Locations
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