



Printer Specification Information

KR400™ Series

PRINTER NAME: KR400 Series

PRINTER MODELS: KR403

STANDARD FEATURES

- Direct thermal receipt and label printing for 58 to 82.5 mm width media
- Looping presenter with pull detector and retract & retain function
- Auto media loading
- Horizontal and Vertical mounting capability
- Various media mounting options such as behind, below and above give flexibility to kiosk design
- Up to 9.8"/250 mm diameter media rolls
- USB and RS232 serial connectivity
- 203-dpi print resolution
- Excellent print quality achieved through printhead alignment features and Element Energy Equalizer (E³) for superior print quality
- Windows® drivers for plug and play
- 21 resident 1D and 10 resident 2D barcodes
- 16 resident fonts including 1 scalable font
- Unicode™ support for multi-lingual printing
- 8 MB (1.5 MB user accessible) memory supports a wide range of graphic types
- Optional: Zebra Basic Interpreter (ZBI 2.0™) gives the ability to run stand-alone applications
- Maintenance alerts such as odometer, pixel test, and retract counter
- Numerous software tools for commissioning, using and troubleshooting the printers



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

Media width:	2.3"/58 mm, 2.4"/60 mm, 3.15"/80 mm, and 3.3"/82.5 mm supported
Max media 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

Zebra Technologies International, LLC

333 Corporate Woods Parkway » Vernon Hills, IL 60061-3109 USA T+1 847 793 2600 F+1 847 913 8766 www.zebra.com



Printer Specification Information

KR400™ Series

OPERATING CHARACTERISTICS

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:	10% to 95% non-condensing excluding paper
Electrical:	24Vdc +/-5% average of 2.92A when printing

PHYSICAL CHARACTERISTICS

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

FONTS/GRAPHICS/SYMBOLOLOGIES

Bar Codes:

1D barcodes: Codabar, Code 11, Code 128, Code 128 with subsets A/B/C, Code 39, Code 93, EAN-13, EAN-8, EAN-8 and EAN-13 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

2D barcodes: Aztec, Codablock, Code 49, Data Matrix, MacroPDF417, MaxiCode, MicroPDF417, PDF417, QR Code, RSS / GS1 DataBar family (12 barcodes)

Graphics: Supports user-defined fonts and graphics - including customer logos

Standard fonts: 16 resident expandable ZPL II bitmap fonts, one resident scalable ZPL II font

COMMUNICATION AND INTERFACE CAPABILITIES

Connectivity: Serial RS232 and USB 1.1 (2.0 compatible)

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 dia max
- Adapter for roll holder below position, 9.8"/250 mm dia max
- Roll Holder Wall Mount, 5.9"/150 mm dia 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
- 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 standalone applications