

> BA400

- > Mid Range 4" Thermal Label Printer
- > Space Saving Top Loading
- > Near Edge Technology
- > Designed for Scalability and Flexibility
- > Low Maintenance



> BA400



STANDARD FEATURES

- > Rugged metal or plastic case models
- > Top loading
- > Flat edge print head
- > Thermal Transfer or Direct Thermal
- > 203 or 300 dpi
- > 128MB RAM, 128MB ROM
- > Ribbon capacity 450 meter
- > Maximum speed – 8 ips
- > ZPL II® (Zebra), Sato® emulation
- > ENERGY STAR certified
- > Snap-in user changeable print heads

KEY SELLING FEATURES

Cost-Effective Value series

- Affordable with Best in Class features

Ease of Use

- Designed with a compact footprint
- Choices of plastic or metal case
 - Suited for offices or warehouses
- Space saving top consumable loading
- Easy Media and Ribbon changes

Flexible and Adaptable

- Broad standard connectivity for most environments
- Multiple mobile connectivity options
- Ease of connectivity with iOS devices
- Built in ZPLII (Zebra) and other language emulations

High Print Quality

- Center alignment assures accurate data/barcode placement
- Clear, sharp barcodes and text

Improve Productivity

- Fast print speed at 8 IPS
- Browser based web utility for Printer Management
- Monitor and manage printer fleet remotely

Ease of Maintenance

- Parts Life cycle alerts display on LCD
- Easy printheads, platen replacements or changes from 203 to 300 DPI

Models	BA420	BA410
Case	Plastic	Metal
Head Type	Flat	Flat
Printer Specification		
Technology	Thermal Transfer/Direct Thermal	Thermal Transfer/Direct Thermal
Resolution	203 dpi (8 dots/mm) 300 dpi (12 dots/mm)	203 dpi (8 dots/mm) 300 dpi (12 dots/mm)
Print Speed (Max)	203 dpi 8 ips (203mm/sec) 300 dpi 8 ips (203mm/sec)	203 dpi 8 ips (203mm/sec) 300 dpi 8 ips (203mm/sec)
Memory - SRAM	128MB	128MB
Memory - FROM	128MB	128MB
Graphic Display	128 x 64 pixel	128 x 64 pixel
Print Length (Max)	58.9"	58.9"
Print Width (Max)	203 dpi - 4.1" 300 dpi - 4.2"	203 dpi - 4.1" 300 dpi - 4.2"
Media		
Media Type	Roll, Fanfold	Roll, Fanfold
Media Alignment	Center (Auto)	Center (Auto)
Media Width (Min-Max) Label		
TT	.87" – 4.13" (22 – 105 mm)	.87" – 4.13" (22 – 105 mm)
DT	.98" – 4.65" (25 – 118 mm)	.98" – 4.65" (25 – 118 mm)
Media Thickness – Label		
TT (Batch, Cut Mode)	.004"-.007"(.1 mm - .17mm)	.004"-.007"(.1 mm - .17mm)
TT (Peel Mode)	.005"-.007"(.13 mm - .17mm)	.005"-.007"(.13 mm - .17mm)
DT (Batch, Cut Mode)	.003"-.007"(.08 mm - .17mm)	.003"-.007"(.08 mm - .17mm)
DT (Peel Mode)	.005"-.007"(.13 mm - .17mm)	.005"-.007"(.13 mm - .17mm)
Media Inner Core Diameter	1.5" (38mm), 3" (76.2mm)	1.5" (38mm), 3" (76.2mm)
Media Outer Roll Diameter (Max)	6.0" (152.4mm)	7.87" (200mm)
Ribbon		
Ribbon Type	Wax, Wax-Resin, Resin	Wax, Wax-Resin, Resin
Ribbon Length (Max)	450M	450M
Ribbon Width	2.36" – 4.33" (60 – 110mm)	2.36" – 4.33" (60 – 110mm)
Ribbon Core Diameter	1.01"	1.01"
Ribbon Outer Diameter	2.95"	2.95"
Ribbon Winding	CSO	CSO
Programming Language Standard	TPCL (Toshiba Print Command Language), ZPL II (Zebra Programming Language), Sato Programming Language	TPCL (Toshiba Print Command Language), ZPL II (Zebra Programming Language), Sato Programming Language
Interface Standard	USB 2.0 HS, Bluetooth V2.1 EDR with MFi Certified, Ethernet (IPv4 & IPv6), NFC (for BT Pairing), USB Host	USB 2.0 HS, Bluetooth V2.1 EDR with MFi Certified, Ethernet (IPv4 & IPv6), NFC (for BT Pairing), USB Host
Optional	Parallel or Serial or Wireless (802.11 a/b/g/n) Dual band (2.4 Ghz/5Ghz)	Parallel or Serial or Wireless (802.11 a/b/g/n) Dual band (2.4 Ghz/5Ghz)
Options and Accessories	Disc Cutter Peel Off Module Real Time Clock Fanfold Guide Expansion I/O	Disc Cutter Peel Off Module Real Time Clock Fanfold Guide Expansion I/O
Barcode Symbolologies		
Linear Bar Codes	JAN8, JAN13, EAN8, EAN8+2 digits, EAN8+5 digits, EAN13, EAN13+2 digits, EAN13+5 digits, UPC-A, UPC-A+2 digits, UPC-A+5 digits, MITF, NW-7, CODE39, CODE93, CODE128, EAN128, Industrial 5, Customer Bar Code, POSTNET, KIX CODE, RM4SCC (ROMAIL 4STATE CUSTOMER CODE), GS1 DataBar, MATRIX for NEC	JAN8, JAN13, EAN8, EAN8+2 digits, EAN8+5 digits, EAN13, EAN13+2 digits, EAN13+5 digits, UPC-A, UPC-A+2 digits, UPC-A+5 digits, MITF, NW-7, CODE39, CODE93, CODE128, EAN128, Industrial 5, Customer Bar Code, POSTNET, KIX CODE, RM4SCC (ROMAIL 4STATE CUSTOMER CODE), GS1 DataBar, MATRIX for NEC
2-Dimensional Bar Codes	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDR 417, CP Code, Aztec, GS1 Data Matrix	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDR 417, CP Code, Aztec, GS1 Data Matrix
Environmental		
Operating Temperature	41° F - 104° F (5° C – 40° C)	41° F - 104° F (5° C – 40° C)
Operating Humidity	25% - 85% RH (non-condensing)	25% - 85% RH (non-condensing)
Power Consumption		
Printing Mode	2.1A (100V) – 1.1A (240V), 155 W rating	2.1A (100V) – 1.1A (240V), 155 W rating
Stand-By Mode	0.19A (100V) – 0.15A (240V), 13W (100V) – 22W (240V)	0.19A (100V) – 0.15A (240V), 13W (100V) – 22W (240V)
Dimension (W x H x D)	9.4" x 13.1" x 13.7" (238mm x 332mm x 350mm)	9.4" x 13.1" x 16.3" (238mm x 332mm x 414mm)
Weight	26.5 lbs./12 kg	37.5 lbs./17 kg
Weight Shipping	33 lbs./15 kg	39.6 lbs./18 kg



Distributed by

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