# MoneyLine Systems

**Financial Equipment & Software**

# B780 Two-Color Hybrid Receipt/Validation Printer

**Financial**

**Retail**

**Banking Hybrid Printers**

# B780

## Simplifying the teller validation/receipt printing process

From the company that brought you the industry's first thermal/impact hybrid transaction printer with integrated MICR and clam shell drop-in paper loading design, CognitiveTPG offers the banking market its hybrid printer model B780. The B780 features two-color/monochrome printing, graphic and image capability, and a small footprint (under 73 square inches) that fits almost anywhere.

- Fast, quiet, maintenance-free thermal receipt/journal printer
- Drop-in validation impact print station
- Available with optional MICR reader for near perfect read rates
- Marketing and branding opportunities with our receipt marketing software
- Low total cost of ownership with multiple printhead technologies using thermal and impact printing for longer printhead and ribbon life
- Check 21 Compliant
- Multiple communication interfaces
- Includes emulations of popular banking printers, including the A721, for easy replacement and installation
- Imager option available

Shown with optional Imager to scan the front and back of checks and IDs in a single pass

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U S Distributor of LIDIX CurrencyDiscriminators

231 West Canino
Houston, Texas 77037
Office: 281-931-5515
Direct: 281-450-7572
www.moneylinesystems.com

**ALLAN FREEMAN**
VP Sales & Marketing
allan@bankequip.com

# B780
# Simplifying the Teller Validation/Receipt Printing Process

## Performance and Reliability in a Small Package

Backed by a 2-year warranty, the B780 delivers maximum flexibility, performance, and reliability within a 73 square inch footprint. The B780 offers easy media loading and validation insertion, a paper low indicator, caution sensors, electronic journal, and multiple resident emulations for ease of use and superior performance.

## A True Multifunctional Printer

With receipt printing, ticket validation (cash-in and cash-out) and check and form endorsement, the B780 is a true multifunctional printer. The optional MICR also reads information from checks, general ledger tickets, etc., with a 99% accuracy rate.

## Marketing and Branding Opportunities

Enhance customer relations using our receipt marketing software. Financial ReceiptWare™ can turn every receipt ticket into a marketing and branding opportunity. Simply add logos, watermarks, margin messages, customer surveys, or highlight promotions like on-line banking, new CD rates, etc.

## Check 21 Compliant

With imaging technology built in, banks can use the printer to capture the image of both sides of check in a single pass using the B780's optional imager. Available as a field upgrade or as an option, the imager allows you to scan checks and ID's right at the point-of-service and archive the images.

* Technical specifications for imager model vary. Contact us for details.

## Technical Specifications

| | Receipt Station | Slip Station |
|---|---|---|
| Print Method | Direct Thermal, 203 DPI | 9-Pin Impact |
| Character Cell Size | 13 X 24, 10 X 24 | 7 X 7, 12 X 7, 5 X 9 |
| CPI | 15, 6, 20.3 | 13.9 & 16.8 |
| Print Columns | 44 & 56 | 42 & 51 |
| Print Line Width | 2.8 in. (72 mm) | 3.02 in. (76.8 mm) |
| Character Sets | Page 437, 737, 850, 852, 857, 858 (with Eurosymbol), 860, 862, 863, 865, 866, 1252. Contact your rep for expanded character sets. | |
| Bar Codes | UPC-A, UPC-E, Code 39, Code 93, Code 128, JAN8 and JAN13 (EAN), Interleaved 2 of 5, Codabar, PDF 417 (receipt station only), GS1 | |
| Printing Speed | Monochrome 70.4 LPS (250 mm/sec) 4.8 LPS (16 mm/sec) Two-color 27 LPS (100 mm/sec) | |
| Auto Cutter | Partial Cut | |
| Emulations Available | Compatible with escape commands, CognitiveTPG A756, A758, and Axiohm A721, Unisys/DH4700, and NCR5021. | |
| Data Buffer | 8K | |
| User Memory | Up to 2 MB: shared for graphics, logos, user defined characters and user data storage | |
| Communication | Dual 9-pin RS-232/USB, 25-pin RS-232, Ethernet, and Powered USB | |
| MICR Reader: | | |
| Character sets/fonts | E-13B and CMC-7, auto discriminate (Integrated in slip station) | |
| Check Read Rate | 99% minimum | |
| Parsing Formats | E-13B only. Programmable to any format | |
| Thermal Paper Requirements: | | |
| Paper Type | Direct Thermal, POS Grade(s), special paper for color printing | |
| Paper Roll (W X Dia.) | 3.15 in. X 3.27 in. (80 mm X 83 mm) | |
| Impact Slip Forms: | | |
| Size | 2.75 in. X 5.00 in. (69.85 mm x 127.00 mm) minimum front & side | |
| Max. Form Length | 11.00 in. (279.4 mm) | |
| Number of Plies | 1 - 4 ply multipart | |
| Paper Thickness | 0.014 in. maximum (0.35 mm) | |
| Power | 24 VDC | |
| Certifications | EMC emissions: EN55022:1998 Class B ITE emission requirements (EU); FCC 47 CFR Part 15, Class B emissions requirements (USA), AS/NZS 3548:2002/CISPR22 Class B ITE emission requirements (Australia); EMC Immunity: EN55024:1998/A1:2001 Information technology equipment (EU) | |
| Reliability | Thermal Print Mechanism - 200 KM paper (59 M lines) monochrome, 200 KM two-color (53 M lines), Auto Knife Cutter - 1.5 M cuts, Impact Print Mechanism - 15 M lines, Impact Printhead - 200 M characters, MICR reader - 200,000 Reads | |
| Dimensions (W X D X H) | 6.5 in. X 11.4 in. X 6.6 in. (165.10 mm X 289.56 mm X 167.64 mm) | |
| Weight | 8 lbs. printer only. 13 lbs. w/carton, pads, and included accessories | |
| Options | MICR Reader, Imager | |
| Printer Drivers | Windows Mini Drivers for XP, VISTA, and 7, RS-232 Emulation Driver | |

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