UniLink™

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 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 with superior paper handling
- Available with MICR reader for near perfect read rates
- Imager module option available
- Cross selling 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

Shown with Optional Imager Module for scanning checks and IDs

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B780
Simplifying the Teller Validation/Receipt Printing Process

Performance and Reliability in a Small Package

Backed by a 2-year warranty, the B780 design 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 99% accuracy rate.

Cross Selling and Branding Opportunities

Enhance customer relations using our receipt marketing software. Financial ReceiptWare™ can turn every receipt ticket into a cross-selling 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 a standard option, the imaging module allows you to scan checks and ID's right at the point-of-service and archive the images in the printer's memory.

* 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)	
Printing Speed	Monochrome 56.3 LPS (200 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	2 to 8 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	Approximately 8 lbs., depending on options	
Options	MICR Reader, Expanded flash memory	
Printer Drivers	Windows XP, 2000, and VISTA, USB, and Powered USB	