

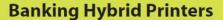
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B780 Two-Color Hybrid Receipt/Validation Printer









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



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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

	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, 8	58 (with Eurosymbol), 860, 862, 863,
	865, 866, 1252. Contact your rep	
Bar Codes	UPC-A, UPC-E, Code 39, Code 93, Code 128, JAN8 and JAN13	
	(EAN), Interleaved 2 of 5, Codab	ar, PDF 417 (receipt station only)
Printing Speed	Monochrome 56.3 LPS (200 mm	
· ·	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), sp	ecial 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 1	27.00 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		lass B ITE emission requirements
	(EU); FCC 47 CFR Part 15, Class B	
	AS/NZS 3548:2002/CISPR22 Clas	
		5024:1998/A1:2001 Information
	technology equipment (EU)	
Reliability		KM paper (59 M lines) monochrome,
		Auto Knife Cutter - 1.5 M cuts, Impact
		npact Printhead - 200 M characters,
	MICR reader - 200,000 Reads	
Dimensions (W X D X H)		0 mm X 289.56 mm X 167.64 mm)
Weight	Approximately 8 lbs., depending	
Options	MICR Reader, Expanded flash m	
Printer Drivers	Windows XP, 2000, and VISTA, U	JSB, and Powered USB

^{*} Technical specifications for imager model vary. Contact us for details.