

# B780

## Two-Color Hybrid Receipt/Validation Printer with Slip Station, Integrated MICR, and Upgradable Imaging Module

### GREAT Things Come in Small Packages:

- Low cost with smallest hybrid footprint
- FAST Monochrome or ColorPOS® Two-Color thermal receipt
- Drop validation impact print station with superior paper handling
- Built in MICR reader
- Imaging Module option available
- Multiple communication interfaces

### The Next Evolution in Teller Validation/Receipt Printers

From the company that brought you the first thermal/impact hybrid transaction printer with integrated MICR, and the first clam shell drop-in paper loading design. TPG announces another first – the model B780 offers the market the first fully featured two-color/monochrome hybrid printer with a footprint under 72.8 sq. in.

### Performance in a Small Package!

TPG's B780 printer has been designed for maximum flexibility, performance, reliability, and lowest cost. It opens a new world of possibilities in banking with its lightning fast (200 mm/s) thermal receipt station. The B780 printer is capable of printing watermarks, logos, coupons and other "attention grabbing" features on monochrome or two-color thermal paper. Using TPG's innovative and industry leading ColorPOS technology and ReceiptWare™ Receipt Marketing Software, the B780 is sure to deliver your message every time.

### Premier Technology

Still need to print on forms and validate checks? The B780 impact slip station allows drop-in validation with top, front or side insertion of checks or other forms. It also reads MICR information from checks, general ledger tickets, etc.

But, it doesn't end there. The B780 offers a paper low indicator and exhaust sensor, a positive slip position sensor and indicator, multiple resident emulations, and it is available with several popular communications interfaces, including USB. The B780's ribbon cassette has been designed for a snap-on/ snap-off, "clean fingers" installation and can be used with any new or recycled bond paper.

### Simply Reliable

No preventative maintenance is required during regular work cycles. The B780's industry leading design is backed by a 2-Year warranty.



With Upgradable Imaging Module



Teller Printing Application



Receipt Marketing Application



# B780

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### Imaging Capability

TPG's B780 two-color/monochrome hybrid thermal/impact receipt printer is designed with imaging in mind. The innovative imaging module is designed as an upgrade kit. You can add imaging capability anytime you like.

This imaging module is field upgradable (the printer does not need to be shipped out for an upgrade) by a certified technician.

### Check 21 Compliant:

- One pass scans both sides of the check
- Archives check images in printer memory
- Optimized to handle wrinkled and folded checks

### Scans laminated ID cards

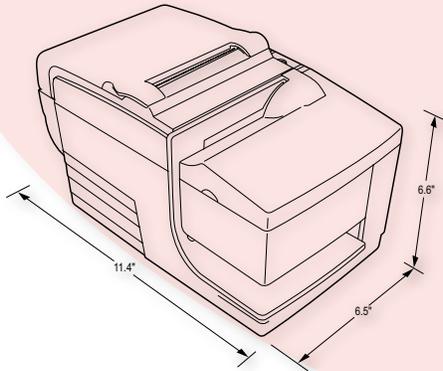
TPG's B780 Hybrid printer has an upgradable Imaging Module option. The Imaging Module allows you to scan checks and ID's right at the point-of-sale. The option can be purchased as a field upgrade or as a standard option.

### Multiple Communication Interfaces:

Serial, USB, and Ethernet.

### Harsh Environment

With the Harsh Environment kit, you can expect the same technical specifications as the standard printer. The only difference – the printer is ready for your harsh conditions.



[www.colorpos.com](http://www.colorpos.com)

### 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, 858 (with Eurosymbol), 860, 862, 863, 865, 866, and 1252. Contact your TPG representative 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/s)	4.8 LPS (16 mm/s)
	Two-color 27 LPS (100 mm/s)	
Auto Cutter	Partial Cut	
Emulations Available	Application compatible escape commands, TPG A756/A758, ColorPOS	
Data Buffer	8K	
User Memory	2 to 8 MB: shared for graphics, logos, user defined characters and user data storage	
Communication	Board Architecture supports: Dual 9-Pin RS-232/USB, 25-pin RS-232, Ethernet, USB, 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), VCCI Class B ITE emissions requirements (Japan); AS/NZS 3548:2002/CISPR22 Class B ITE emission requirements (Australia); EMC Immunity: EN55024:1998/A1:2001 Information technology equipment (EU)
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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, and MICR reader - 200,000 Reads
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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)
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Weight	Approximately 8 lbs., depending on options
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Options	MICR Reader, Expanded flash memory
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Printer Drivers	OLE POS for Windows compatible and Windows/Windows NT and Windows 2000, Java POS, USB, and Powered USB
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\* TPG's native mode

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Distributed by:



AXA-115 1/07