

# A760

## Two-Color Thermal/Impact Hybrid Printer

### Two-Color Thermal/Impact Hybrid Printer

TPG invented the first hybrid printers to satisfy the changing needs of demanding grocery and retail customers. TPG's A760 brings a world of new profit generating possibilities to receipt printing. The A760 is designed for years of reliable operation in demanding high transaction volume environments. The A760 is a very fast two-color hybrid printer, that offers integrated MICR and check flip. The A760's flat slip table presents an accurate and user friendly way to print checks and multi-part forms.

### Fast and Reliable

We know how valuable customer transaction time is, so TPG designed its ColorPOS® printers to reduce printing time at the point of sale. With a print speed of 180 mm/s in monochrome and 100 mm/s for two-color printing, TPG's ColorPOS printers have first class print speeds.

### ColorPOS Technology

Continuing its tradition of innovation, TPG is proud to offer the ColorPOS equipped two-color hybrid printer. ColorPOS printing technology is low energy two-color printing with unique application features for ease of use and integration.

### Increase Profitability

ColorPOS equipped printers reduce transaction times, improve loyalty programs, reduce the occurrence of receipt frauds, and increase accuracy for exceptions and returns.

TPG's ColorPOS equipped printers work wonders to improve your brand image and increase customer understanding of, and participation in, your marketing programs.

### Two-Color Thermal Paper

TPG has partnered with a major paper manufacturer to develop a cost competitive two-color thermal paper. This two-color thermal paper activates at lower energy levels than other available papers. All this gives you low cost paper, higher print speeds and a longer print head life.

### Low Cost Integration

Innovative patented features – built into the firmware – can be easily implemented through TPG's simplified command set, utilities and drivers. This implementation reduces integration time and lowers the A760's development cost.

### Total Cost of Ownership

With highly integrated electronics and low energy activation paper, TPG's ColorPOS equipped printers image two colors at a high rate of speed. This breakthrough technology preserves the life of the printhead by using a standard 55 watt power supply for both monochrome and two-color printing. By combining efficient technology and low cost paper, the A760 offers the lowest total cost of ownership in its class.



Check Flip Option Available



Grocery Application



Receipt Marketing Application



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### Color Flexibility

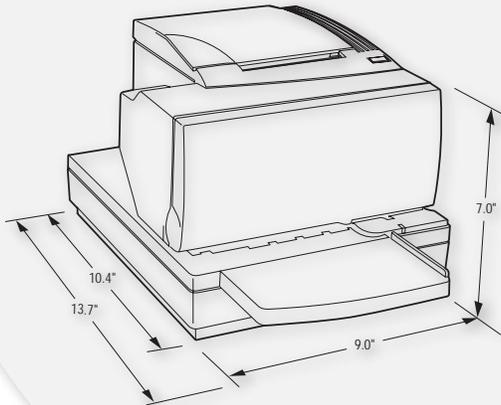
If you are not ready to take advantage of TPG's color printing technology, the A760 provides exceptional value when operating in monochrome mode. The A760 is proven to be reliable and has a first class print speed. Then, when you want to take advantage of the A760's color capabilities, we will be ready to support your transition into color receipts. Technical Specifications

### 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.

### Multiple Communication Interfaces:

Serial, USB, and Ethernet.



[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
CPI	15.6, 20.3	14, 17
Print Columns	44 & 56 columns	66 & 80
Print Line Width	2.8" (72mm)	4.75" (120mm)
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, PDF417 (receipt station only)	
Printing Speed	Monochrome 59.3 LPS (180 mm/s) Two-Color 29.6 LPS (100 mm/s)	4.8 LPS (16 mm/sec)
Auto Cutter	Partial cut	
Data Buffer	4KB	
User Memory	2 MB up to 8 MB, shared for graphics, logos, user defined characters and user data storage.	
Interface(s)	Mother/Daughter Board Architecture supports: Dual 9-pin RS-232/USB, 25-pin RS-232	
Cash Drawer Control	1-2 Drawers	
<b>MICR Reader:</b>	Integrated in slip station	
Character sets/fonts	E-13B and CMC-7, autodiscriminate	
Check read rate	99% minimum	
Parsing Formats	E-13B only. Programmable to any format	
<b>Thermal Paper Requirements:</b>		
Paper Type	Direct Thermal, POS Grade(s), special paper for color printing.	
Paper Roll (W x D)	3.15" x 3.55" (80 mm x 90 mm)	
<b>Impact Slip Forms:</b>		
Size – Front insertion (L x W)	2.68" x 2.0" minimum (68 mm x 51 mm) 2.75" x 2.0" minimum with Flip Option (70mm x 51mm)	
Size – Side insertion (L x W)	2.0" x 8.0" minimum (51 mm x 204 mm)	
Number of Plies	1-5 ply multipart	
Paper Thickness	0.0160" maximum (0.400 mm)	
Power	24 VDC	
Certifications	EMI: FCC, ICES-003, VCCI: Class A; CE, Austel: Class B, Safety: UL 1950, CSA 22.2 No.950, CE (EN60950), MITI (power supply)	
Reliability	Thermal Print Mechanism - 200 KM paper monochrome/two-color, Auto Cutter – 1.5 M cuts, Impact Print Mechanism – 15 M lines, Impact Printhead – 200 M characters, and MICR reader – 200,000 Reads	
Dimensions (W x D x H)	9.0" x 10.4" x 7.0" (229 mm x 264 mm x 178 mm)	
Weight	Approx. 9.6 lbs. (4.4 kg)	
Options	Auto Cutter, MICR Reader, Extended slip table, Flip mechanism for one step check processing, and Expanded flash memory	
Printer Drivers	OLE POS for Windows compatible and Windows®/Windows NT® Drivers	

Transaction Printer Group – Headquarters, 25 Tri-State International, Suite 200, Lincolnshire, IL 60069 • Tel: 800 732 8950 • 847 383 7900 Fax: 847 383 7949 • [www.TPGprinters.com](http://www.TPGprinters.com)

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