



BTP-2002NP Thermal POS Printer

Low cost alternative.

BTP-2002NP is a low cost point-of-sale (POS) printer, which is compatible with the market leaders. Very often other printers can be replaced by this printer with minimum or no additional installation efforts. The printer can be set by means of key-strokes or by means of software utilities. The method of key-strokes gives ease of installation, especially in remote areas and the use of the software utilities give functionalities that surpass those of the competitors.

Reliability by rugged design.

The printer uses a "thick-film" thermal print head; this type is known for its durability and long life. Moreover the print head and the printer are produced by our factory, optimizing the quality of the design. Another proof of the rugged design is the fact that the printer basically consists of a metal frame, which is exposed after the plastic house is removed. The metal frame is a fully functional printer, which is very suitable for integration into kiosks.

Modularity and flexibility.

BTP-2002NP offers a wide variety of interfaces. The range includes amongst others a PoweredUSB and WLAN solution. The same interfaces are also used for other of our printers, like the BTP-M270 impact POS printer. The interfaces are also made in the form of "daughter boards", which makes replacing and exchanging by resellers and users simple and quick. The modularity and flexibility of the interfaces offer to the reseller a cost saving in the form of less stock-items.

Serving many applications.

Besides using the metal frame of the printer as a built-in printer for kiosk applications, the printer can also be used for other applications. These include amongst others gaming (82.5 mm paper width), point-of-sale, ticketing and hospitality. Especially for hospitality applications there are a number of accessories, which make the printer suitable for use in kitchens and bars. The range of accessories includes a spill-proof-cover, a wall-mount-system and an alarm system called "HERALD".



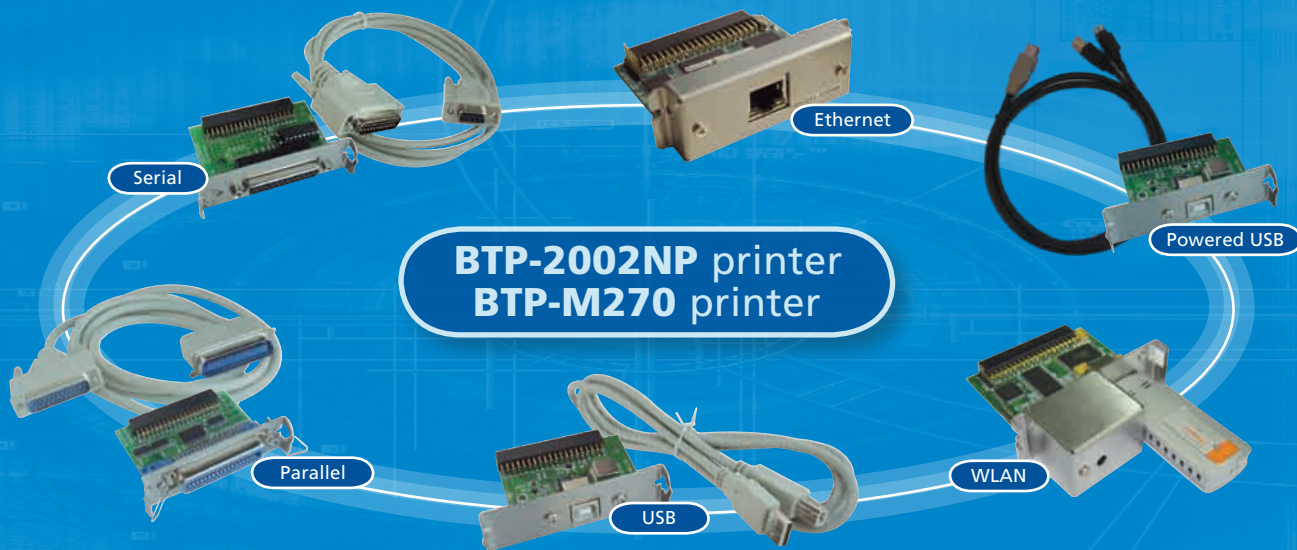
Spill-proof cover



Wall mount system



Kitchen alarm HERALD



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Standard features at a glance:

- High speed printing
- Easy, drop-in paper loading
- Two-directional paper-low sensor system
- Programmable internal buzzer system
- Integrated cutter (tear-off, full cut, partial cut)
- Reliability by rugged metal mechanism frame
- Field replaceable interfaces (“daughter boards”)
- Printer setting by software or key-strokes
- Available in colors black, ivory and silver
- Range of accessories for kitchen applications

Specification Highlights

Printing method	Direct Thermal Line
Resolution	203 DPI
Print width	max. 80 mm
Print speed	up to 150 mm/s
Memory	Total: 128 kB RAM and 1 MB flash; User available: 16 kb RAM and 128 kb Flash
Printing modes	Standard mode, page mode, bit-image mode
Print length	Standard mode: no limit; other modes: max. 297 mm
Drivers	Windows drivers: Win98, NT, 2000, XP
Interfaces	Daughter boards: Centronics, RS232C, RS485, USB, PoweredUSB, Ethernet, WLAN
Cash drawer	Connector for one or two (with “Y” cord) drawers
Resident barcodes	12 of 5, UPC-A, EAN-13, UPC-E, EAN-8, STD25, Codabar, Code 39, Code 128
Resident fonts	13 x 24; 9 x 17;
Code pages	437, 850, 852, 858, 860, 863, 865, 866, 1252, Katakana, Thai
User defined information	Can be down-loaded to RAM or Flash (e.g. fonts, graphics, bit-maps)
Character modification	Rotate (0, 90, 180, 270 degree), Enlarge (1-6 times), Emphasize, Underline, Black/White reverse
Paper types	Thermal paper (Continuous roll)
Paper width	56, 60, 62, 72, 80, 82.5 mm (by adjustable paper separator plate)
Paper density	max. 100 g/m ²
Diameter roll	Max. 83 mm
Paper cutting	Tear-off, full cut, partial cut
Lifetime print-head	At least 100 km of printed lines
Lifetime cutter	1,500,000 cuts (standard thermal paper; thickness: 0.06 – 0.1 mm)
Power supply	Input: 100-240 VAC, 50/60 Hz; Output: 24 VDC, 2.5 A
Dimensions (W x D x H)	142x 192 x 139 mm
Weight	Net weight printer is 2 kg; the total weight of the package including the printer, power supply, sample paper roll and manual is 4 kg
Operating temperature	+5 - +45 degrees C
Storage temperature	-10 - +50 degrees C (except for thermal paper)
Operating humidity	20% - 80% RH (no condensation)
Quality figures	MTBF: 360,000 hours; MCBF: 52,000,000 lines
Included	External power supply, cable cover, interface cable (English) user manual and sample paper roll
Available for distributors	Full command set (escape codes), software utilities and demo programs
	Drivers: Windows, OPOS and Linux
	User manuals in English, German and French



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