

Thermal receipt printer TH230+

The TH230+ POS printer is ideal for printing receipts, coupons, vouchers and transaction documents at the POS. Its particularly high printing speed means that it also provides optimum support for receipt shooting for promotion engines in POS applications and ensures that there are no delays in the checkout procedure.

The new PowerSavings+ technology means that the TH230+ saves on costs even when it's not printing. After the printer has been in standby mode for a defined period of time, PowerSavings+ switches the printer to a mode in which it only consumes less than 0.5 watts of electricity. With this feature, the TH230+ sets a new standard in energy efficiency. Since receipt printers are generally idle for more than 95% of the day, the TH230+ can make an extremely positive contribution to the TCO of your POS system.

The printer's extreme ease of use benefits users. In particular, the simplicity with which paper rolls can be changed wins them over. If rolls with a diameter of 90 mm are used, they also have to be replaced less frequently than those with an 80 mm diameter, which are also supported. The printer's operating status is shown clearly and understandably by LEDs.

The graphics capability of the TH230+ supports printing of logos and 1D and 2D barcodes, for example. Logos can be stored permanently in the printer. The print resolution of 203 x 203 dpi ensures needle-sharp printouts. Two-color text or graphics printing is also possible with the optional two-color thermal paper.



The modular interface concept offers a wide range of possible uses and investment protection. The printer can be connected to a BEETLE system or POS PC via common POS interfaces. If it is connected to a BEETLE, a power supply unit is usually not required, since the printer is supplied with power directly from the BEETLE.

This allows the printer to be incorporated in the emergency power supply concept, if required, and for transactions to be completed in the event of a power failure. The power ID means that the TH230+ can work optimally together with power supply units of different strength.

Broad support of UPOS and Windows drivers allows the TH230+ to be used in just about any POS application.

User benefits

- Printing speed up to 220 mm/s
- Low-noise receipt printing
- Graphics capability supports logos and barcodes incl. GS1 DataBar
- Optional two-color printing
- Low power consumption (PowerSavings+)
- Particularly easy changing of receipt rolls
- Low-power mode and power ID
- Especially high reliability

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TECHNICAL DATA

Print stations	1 (receipt)
Printing method	Thermal direct (203 dpi, 8 dots/mm)
Printing columns (max.)	44 (standard), 56 (compressed)
Printing speed	<ul style="list-style-type: none"> - Monochrome 220 mm/s, 65 lps at 8 lpi - Monochrome high speed draft up to 300 mm/s, 95 lps at 8 lpi with reduced density, - 2-color 110mm/s
Character density	<ul style="list-style-type: none"> - 15.6 cpi Standard - 20.3 cpi compressed
Paper width	79,5 mm +/- 0.5 mm, 57.5 mm +/- 0.5 (optional)
Paper roll diameter	Max. 90 mm
Barcode	EAN, UPC, Code 39, Code 128, Interleaved 2of5, Codabar, PDF 417 GS1 DataBar (incl. Truncated, Stacked, Stacked Omni, Limited, Expanded)
Sensors	Paper low, paper end, cover open
Power supply	24V +/- 10% (from the modular BEETLE) or external power supply unit (PC), Power ID
Receipt cutter	partial and full cut, reliability: 3,000,000 cuts
Ambient temperature (operation)	5 - 45°C
Noise level	55 dB(A)
Choice of interfaces to the BEETLE or PC	RS232c, RS232c with customer display (BA63), RS232c & USB, USB 2.0 full-speed, PoweredUSB, Ethernet
Interfaces for cash drawers on the printer	For 2 cash drawers
Other features	Buzzer, Flash ROM 16 Mbit (standard), Resident codepages: PC437, PC720, PC775, PC850, PC852, PC858, PC860, PC862, PC863, PC864, PC865, PC866, PC737, PC857, PC874, WPC1250, PC1252, WPC1254, WPC1257, WPC28591, WPC28592, WPC28599, WPC28605, WPC1256, WPC28594, WPC28596, KATAKANA Downloadable character sets, Lifetime thermal print head 150 km
Options	<ul style="list-style-type: none"> - Adapter for 57.5 mm paper - Wall mounting - Black mark sensor - External power supply unit - Asia character sets
Dimensions in mm	148 x 145 x 195 (H x W x D)
Weight (approx.)	< 2.0 kg
Footprint	283 cm ²

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