

# 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 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
- ☐ Optional two-color printing
- ☐ Small footprint
- ☐ Particularly easy changing of receipt rolls
- ☐ Low-power mode and power ID
- ☐ Especially high reliability

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## TECHNICAL DATA

<b>Print stations</b>	1 (receipt)
<b>Printing method</b>	Thermal direct (203 dpi, 8 dots/mm)
<b>Printing columns (max.)</b>	44 (standard), 56 (compressed)
<b>Printing speed</b>	65 lines/s (220 mm/s) monochrome, 110 mm/s 2-color
<b>Character density</b>	15.6 cpi Standard, 20.3 cpi compressed
<b>Paper width</b>	79,5 mm +/- 0.5 mm, 57.5 mm +/- 0.5 (optional)
<b>Paper roll diameter</b>	Max. 90 mm
<b>Barcode</b>	EAN, UPC, Code 39, Code 128, Interleaved 2of5, Codabar, PDF 417
<b>Sensors</b>	Paper low, paper end, cover open
<b>Power supply</b>	24V +/- 10% (from the modular BEETLE) or external power supply unit (PC), Power ID
<b>Receipt cutter</b>	> 1.5 million cuts (partial and full cut)
<b>Ambient temperature (operation)</b>	5 - 45°C
<b>Noise level</b>	50 dB(A)
<b>Choice of interfaces to the BEETLE or PC</b>	RS232c, RS232c with customer display (BA63), USB 2.0 full-speed, PoweredUSB
<b>Interfaces for cash drawers on the printer</b>	For 2 cash drawers
<b>Other features</b>	Buzzer, Flash ROM 16 Mbit (standard), Resident codepages: 437, 737, 850, 852, 858, 860, 862, 863, 865, 866, 874, 1252, Downloadable character sets, Lifetime thermal print head 150km
<b>Options</b>	<ul style="list-style-type: none"><li>• Adapter for 57.5 mm paper</li><li>• Wall mounting</li><li>• Black mark sensor</li><li>• External power supply unit</li><li>• Asia character sets</li></ul>
<b>Dimensions in mm</b>	148 x 145 x 195 (H x W x D)
<b>Weight (approx.)</b>	< 2.0 kg
<b>Footprint</b>	283 cm <sup>2</sup>

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**Also available in black**