

Our best-seller is even faster: TM-T88IV thermal printer

Even though it is now in its fourth generation Epson have developed their powerful POS thermal printer from the Epson TM-T88 series, which has proved itself a million times over. Like the TM-T88III, the Epson TM-T88IV leaves a lasting impression thanks to its high speed and tremendous reliability. The design and functions have been further developed both consistently and ergonomically. You will be astounded by its lightning-fast printing speed of **200 mm/s, which can also be used for graphics printing** and this means that waiting times have become a phenomenon of the past. Two colour printing is also a function of the future: This will enable you to produce and use company logos as watermarks or to open up new horizons by printing out information about special promotions on the receipt.

Despite all its innovations, the Epson TM-T88IV remains fully **compatible** with our Epson TM-T88III, which is its direct predecessor. This means that you can convert to the newest generation of POS thermal printers without encountering any problems. Naturally, proven features such as the 'drop-in' paper roll changing process are retained and the result is a unit that is not only resistant to sprayed water but one that has also been designed for the future.

More than 3 million installations

The Epson TM-T88IV is an allround pleasure thanks to the logical continuation of this successful series: Its printing speed has been considerably increased in comparison to its predecessor. The top of class 200 mm/s printing speed puts the competition under enormous pressure – whether text, 1D or 2D barcodes or graphics. Not only is the TM-T88IV a lot faster but it can also print two colours if you want it to.

A printing power of 52 million lines or 360,000 working hours gives the TM-T88IV **maximum reliability** and this reduces printer related POS downtimes to a minimum.

The outside of the Epson TM-T88IV has also been modified: The reduction in case partitions makes it even better protected against liquids seeping in and also makes it easier to clean – the hotel and catering industry will definitely appreciate this! And the optional buzzer in the kitchen as well.

Many available interchangeable system interfaces (serial, parallel, Ethernet, wireless, USB 2.0 and powered USB) give it amazing flexibility and ensures that it is fit for future configurations.

Another new option is the PS cover that allows the power supply to be placed beneath the printer without enlarging the footprint.

Evolution means adaptation

Building on the well-proven old design and therefore creating a new and improved one contribute to the core competencies that each stage of the development and evolution of our Epson TM-T88 series is based on. A new development must directly reflect this challenge in these times of increasing costs. The new POS receipt



The reference thermal printer: EPSON TM-T88IV



"Dark grey" is also suitable for use at any POS



Open the lid – insert the roll – close the lid!
Couldn't be easier!

printer therefore uses several basic approaches to keep increasing cost pressures under control:

1. Low-power mode

The Epson TM-T88IV can use a power saving mode and this is a direct help in reducing costs. A simple, well-proven DIP-switch lets the user change over to the power saving mode. This gives the user full control and also keeps the power costs as low as possible.

2. Remote maintenance function

The "Maintenance counter" function monitors the running of the unit. This makes line-feeds, cuts and running time transparent. The user can see which POS station takes the most at any time or if the unit needs cleaning. This minimises maintenance costs and the amount of time needed for it.

3. Robust construction

The retail market is becoming increasingly aware of the significance of the total cost of a product over the full working life (**TCO**). The TM-T88IV was further enhanced to meet tough POS demands and will stand out as a real bargain thanks to its extreme durability.

More than 3 million of the TM-T88 family of printers have been installed since the 88-range was first launched. Thanks to its reliability and consistent print quality it can be found in every post office and at many well-known discounters and retailers not only in Germany.



The power supply unit cover keeps the footprint small



The WH-10 wall mount (option)

TM-T88IV product features

Your benefit

High-end POS thermal printer	Suitable for virtually any POS station; noise level is reduced for both customers and the staff
200 mm/s printing speed or 62 lps even when printing logos	Saves time during the payment process; reduces the amount of time the customer has to wait in the POS area
Can be installed optionally as a stand-up or hanging installation	This gives you much needed installation flexibility in the frequently restricted area around the POS
Compact footprint, 14.5 x 19.5 cm	Saves space by the till and on the counter, can also be used with a best selling line
Functional and smooth case	All of the printers components can be accessed easily and are easy to clean; always presents a clean image
Needle sharp graphic prints; clean text	Logos, special offers, coupons or vouchers can be produced using 2 colour printing
Horizontal and vertical 1D or 2D bar-code printing	2-D barcodes (e.g. PDF417) expand the printer's application options to include warehousing, commissioning, pricing...
Extreme reliability MCBF: 52 million lines MTBF: 360,000 running hours	Robust and with a long working life; reduces printer related POS downtimes (profit loss) and this in turn increases the motivation of the POS staff; results in below- average operating costs (TCO)
Easy paper roll changes ("Drop in")	Saves time with no problems during the roll change as well as short user training times
Integrated paper cutter	Cleanly separated receipts ensure a positive image; increased reliability resulting from the reduction in paper dust
Integrated Auto-Status-Back function (ASB); Page mode	Makes software development and operating the POS system easy
Integrated maintenance counter	Easy monitoring of the running time functions such as: Number of cuts, number of running hours, number of line feeds, number of thermal bar pulses
Integrated "Low power" mode activated by a DIP-switch	The power saving mode reduces the printer's peak consumption and saves energy costs by slightly reducing the printing speed
Digit LOGO function	Makes printing of corporate logos, credit notes or presenting special offers with advertising appeal easy
Integrated buzzer (factory option)	A buzzer, which is available as a factory fitted option, generates a perceptible acoustic tone after the receipt has been printed.
PS cover for fitting the power supply underneath the printer	The size of the footprint remains the same and this saves space and also reduces the cabling
The POS system interface is interchangeable	The printer can be used with all current POS configurations and this gives the user a high degree of flexibility; safeguards your investment
Free-of-charge OLE/POS - OCX driver software for all Windows OS	Save time and money during software development, i.e. increases the added value
ESC/POS operating system for EPSON POS printers	Compatible with all EPSON POS printers and systems; flexibility with regard to future enhancements to ESC/POS, which is the well-known code for POS printers
EPSON products	The assurance of a strong partner, experience, support, future security and world-wide service.

EPSON TM-T88IV specifications

Print method	Thermo-direct 180 x 180 dpi
Font size	B: 9 x 17 A: 12 x 24
Characters per line (79.5 mm)	B: 56 A: 42
Character size (mm)	B: 0.99 x 2.40 A: 1.41 x 3.39
Character sets	95 alpha-numerical, 48 international characters, 128 x 11 character sets
Barcodes	UPC-A, UPC-E, JAN13 (EAN), JAN6 (EAN), CODE39, CODE93, CODE128, ITF, CODABAR, PDF417, QR code
Interfaces	<ul style="list-style-type: none"> • Choose from: RS-232, parallel, USB2.0, Ethernet, WLAN, powered USB • POS draw(s) • Power Supply
Memory	Input memory: 45 byte or 4 KB (DIP-switch) User memory: 12 KB Macro-memory: 2 KB Bit image NV: 256 KB User NV: 1 KB
Printer speed	Standard: 200 mm/s Barcode printing: 100mm/s 2-colour printing: 100 mm/s Low-power mode: 150 mm/s
Paper	Width: 79.5 mm +/-0.5 ; max. diameter: 83 mm
Auto-cutter	"Partial cut"
Current consumption	1.8A when running (average); 0.1A in stand-by mode
Power supply	PS-180 (option)
Cash drawer	Can control up to 2 drawers
Reliability	MTBF: 360,000 hours; MCBF: 52 million lines Auto-cutter: 1.5 million cuts
Dimensions	W x D x H: 145 mm x 195 mm x 148 mm
Colour	Case available in "EPSON cool white" or "EPSON dark grey"
Weight	1.8 kg (without paper)
Features	<ul style="list-style-type: none"> • "Drop-in" paper roll change process • Integrated 'Auto-Status-Back' function (ASB) • "Paper end" and "Paper near end" sensor • Remote maintenance counter • Low power mode
Included in the shipment	<ul style="list-style-type: none"> • Cable plug cover • On/Off switch cover • Sample paper roll • PS-180 power supply (optional)
Options	<ul style="list-style-type: none"> • WH-10 wall mount • DM-D customer display • Buzzer (factory fitted option) • PS cover (power supply cover)
Safety standards	CE symbol, EN55022 Class B, EN55024, EN60950