DIEBOLD NIXDORF TH250 THERMAL RECEIPT PRINTER

POS PRINTER FOR HIGH-SPEED PRINTING

The TH250 is a versatile printer designed for printing receipts, coupons, vouchers and transaction documents at the POS. The print speed is the highest in today's market, which ensures a fast completion at checkout. Optimum driver and firmware technology make the best use of the engine print, producing speeds of up to 350 mm/s (13.78 inches/s).

EASY TO INSTALL AND OPERATE

The TH250 is easy to install, and thanks to its modern design, has a small footprint that place its cable connectors under its casing. The TH250 can be operated horizontally or vertically to fit the needs of your space. When used vertically, the TH250's print direction can be rotated by 180 degrees for easy reading. The TH250 boasts an array of user-friendly features, including simple paper loading and a buzzer that can cut through noisy environments to let you know when a receipt has been printed. The device can be powered with Diebold Nixdorf's BEETLE system, and can also be used in combination with a PC. (External power supply is required). RS232, USB and Ethernet interfaces are available for data connections. (Powered USB in a separate model.)

COMPREHENSIVE DRIVER SUPPORT

A full range of drivers, including Windows 32-bit and 64-bit, OPOS and JavaPOS drivers, support the TH250 in different software environments. Additionally, the TH250 graphic capability supports the printing of logos, 1D and 2D bar codes, and even QR codes. The TH250's print resolution of 203 x 203 dpi ensures printouts with excellent quality and the device can store logos for frequent use.

ECO-FRIENDLY AND COST EFFICIENT

The EnergyStar-qualified TH250 features low power consumption, which is not only eco-friendly, but also helps reduce the device's total cost of ownership. The printer also includes a paper saving feature, which uses reduced line space and other methods to produce printouts designed for 80 mm (3.15 inches) paper rolls on 58 mm (2.28 inches) rolls.

GLOBAL USAGE

With many code pages and the most relevant Asian character sets already loaded, the TH250 is ideal for global use.

SERVICE OPTIONS

Tailored services enable efficient deployment of solutions and the highest possible system availability and security based on the Diebold Nixdorf AllConnect Services℠ Platform:

- Global Deployment and Implementation Services: installation and integration into existing environments
- Maintenance Services: fast Recovery and Security Services
- Managed Services: Store Lifecycle Management, Transformational Outsourcing and Consulting Services

WHY DIEBOLD NIXDORF?

With an installed base of more than 1 million ePOS systems worldwide, Diebold Nixdorf provides leading technologies for automating checkout processes and engaging consumers. Our local presence in more than 130 countries positions us to better understand the market needs of today and anticipate those of tomorrow. We leverage our expertise in seamless omnichannel retailing, store transformation and global delivery excellence, to help retailers achieve their business objectives. We enable a convenient, seamless checkout and shopping experience for consumers who desire consistency across all channels—from store to mobile and beyond.

TECHNICAL DATA

PRINT STATIONS	• 1 (receipt)
PRINTING METHOD	• Thermal direct (203 dpi, 8 dots/mm)
PRINTING COLUMNS (max)	• 44 standard • 56 compressed
PRINTING SPEED	• 350 mm/s (13,78 inches/s) monochrome • 150 mm/s (5.9 inches/s) 2-color
CHARACTER DENSITY	• 16.9 cpi standard • 20.3 cpi compressed
PAPER WIDTH	• 80 mm (3.15 inches) +/- 0.5 mm (0.02 inches) • 57.5 mm (2.26 inches) +/- 0.5 mm (0.02 inches) (factory option)
PAPER ROLL DIAMETER	• Max. 90 mm (3.54 inches)
BAR CODES	• EAN • UPC • Code 39 • Code 128 • Interleaved 2 of 5 • Codabar • Code 93 • GS1 DataBar™ • PDF417 • QR • Datamatrix
SENSORS	• Paper low • Paper end • Cover open
POWER SUPPLY	• 24 V DC
RECEIPT CUTTER	• Partial cut and full cut • Reliability 3 million cuts

CODEPAGES	• 437, 720, 737, 775, 850, 852, 857, 858, 860, 862, 863, 864, 865, 866, 874, 1250, 1251, 1252, 1254, 1255, 1256, 1257, 28591, 28592, 28594, 28596, 28599, 28605
	• Katakana
	• Asian Character Sets
	  – Simplified Chinese
	  – Traditional Chinese
	  – Japanese
	  – Korean
	  – Thai

OPERATION TEMPERATURE	• 5 to 35 °C (41 to 95 °F), 5 to 90% humidity • 35 to 50 °C (95 to 122 °F), 5 to 40% humidity
NOISE LEVEL	• 55 dB(A)
CHOICE OF INTERFACES TO THE BEETLE OR PC	• RS232c & USB • Powered USB • Ethernet & USB
INTERFACE FOR CASH DRAWERS ON THE PRINTER	• RJ12
OTHER FEATURES	• Buzzer • Adapter for 57.5 mm (2.26 inches) paper (factory option) • Vertical operating • EnergyStar < 0.5 watts in sleep mode (compliant power supply to be used)

DRIVER SUPPORT	• Windows 32-bit/64-bit
	• ProBase POS
	  – JavaPOS
	  – OPOS-UDM
	• CUPS (Linux)

DIMENSIONS	• Height: 131 mm (5.16 inches) • Width: 145 mm (5.71 inches) • Depth: 175 mm (6.69 inches)
WEIGHT	• Approx. 1.3 kg (2.87 lbs)
FOOTPRINT	• 254 cm² (39.37 sq in)
COLORS	• Light gray, black or white

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