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TDM-30

Get Your Receipts Anywhere

TSC's new mobile barcode printer, the TDM-30, is an intelligently designed for on the go, pc-free printing. Leveraging today's use of mobile printing across various mobile vertical markets, the TDM-30 is equipped to operate across different platforms in multiple connectivity options. Combined with its lightweight, durable, and flexible design, the TDM-30 is simple to operate without sacrificing function.

Its rugged palm size design has passed extensive testing for long lasting performance without wearing out. Built with centralized TSC printer management, the TDM-30 allows for real-time printer health status in two ways. By using its self-diagnostic TPH Care Mechanism, the printer can ensure stable, high-quality printouts every time. In addition, with the TDM-30's battery management solution, the printer effectively monitors the charging status to maximize battery capacity. TSC 3080mAh battery capacity enables lasting an entire shift without downtime. To increase workforce productivity, the TDM-30 utilizes the newly developed iOS/Android APP software and offers a hassle-free connectivity of Wi-Fi, Bluetooth and passive NFC tag.

KEY FEATURES

Rugged Palm Size Design

- Drop test: 1.8M with protective case and meet MIL-STD 810G standard
- IP54 (dust/water-resistant) rating
- Tumble test

Flexibility in Various Media Support

- Optional media hanger for various media width ranging from 20mm to 70mm
- Various sensors for a wide selection of media types

Self-Diagnostic TPH Care Mechanism

- An advanced mechanism allows for real-time printhead health status to ensure stable and high-quality printouts for maximum cost-effectiveness

Smart Battery with TSC Printer Management

- Centralized battery health monitoring system ensures a completion of full shift
- Maximize battery lifetime to avoid the hidden costs and downtime

Integrated Software Pack

- OPOS/JPOS driver for POS application
- With new iOS & Android APP, mobile configuration and web print becomes possible

Multiple Connectivity

- USB2.0 + MFi Bluetooth 4.2 + Passive NFC tag
- USB2.0 + 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2 + Passive NFC tag

APPLICATIONS

Public Utilities

- Utility Billing/Meter Reading
- Parking Citations

Warehouse & Logistics

- Direct Store Delivery
- Proof of Delivery and Pickup

Entertainment & Hospitality

- Mobile Ticketing
- Table Side Ordering

Retail

- Receipt
- Field Sales/Repairs

Healthcare

- Point of Care
- Laboratory

Transportation

- Onboard Ticketing

TDM-30 – Mobile Direct Thermal Receipt Printer

PRINTER MODEL	TDM-30
Resolution	8 dots/mm (203 DPI)
Printing method	Direct Thermal
Max. print speed	Up to 102 mm (4")/second
Max. print width	72 mm (2.83")
Max. print length	2,794 mm (110")
Enclosure	Plastic
Physical dimension	105.0 mm (W) x 49.5 mm (H) x 116.0 mm (D) 4.13"(W) x 1.95"(H) x 4.57"(D)
Weight (including battery)	0.38 kg (0.84 lbs)
Drop specification	1.5 m (5 ft), with IP54 case can be 1.8 m (6 ft)
IP rating	IP54 (w/case)
Max. roll capacity	40 mm (1.57") OD
Processor	32-bit RISC CPU
Memory	• 16 MB Flash memory • 32 MB SDRAM
Interface	(Either one selected) • USB 2.0 + Bluetooth 4.2 + Passive NFC tag • USB 2.0 + 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2 + Passive NFC tag
Power	• 7.4V DC, 3080 mAh Li-ion rechargeable battery
Operation switch, button	• 3 buttons (On/off, feed, and cover-open)
Display	• LED Version: 1 LED for printer status, 3 LEDs for battery status, 1 LED for wireless status • LCD Version: 1 LCD, 1 LED for printer status, 1 LED for wireless status.
Sensors	• Head open sensor • Reflective sensor • Gap sensor (factory)
Internal fonts	• 8 alpha-numeric bitmap fonts • One Monotype Imaging® CG Triumvirate Bold Condensed scalable font
Bar code	• 1D bar code Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 Data bar • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec
Printer language	TSPL-EZD (EPL2, ZPL2, DPL), ESC-POS or CPCL emulation
Media type	• Reflective sensor model: Receipt paper, bline receipt paper (mark in printing side) & selected label • Gap sensor model: Receipt paper, bline receipt paper (mark in printing side or backside) & Label with gap
Media width	Max 80 mm (3.15") *with media hanger: 20 mm (0.79") and 70 mm (2.75") (user option)
Media thickness	0.06 ~ 0.16 mm (2 ~ 6 mil)
Media height	Label: Min. 10 mm (0.39")
Environment condition	Operation: -15 ~ 50 °C (5 ~ 122 °F), 10 ~ 90% non-condensing Storage: -30 ~ 70 °C (-22 ~ 158 °F), 10 ~ 90% non-condensing
Safety regulation with Bluetooth	CB, FCC, IC, BC, NOM (IFETEL), CCC (SRRC), CE, EAC (FAC FSS), TRA, NTRA, BIS (WPC), RCM, IMDA, NBTC, SDPPI, MIC, MSIP, BSMI (NCC), EN50498
Safety regulation with Wi-Fi	CB, FCC, IC, CCC (SRRC), CE, EAC (FAC), BIS (WPC), RCM, BSMI (NCC), EN50498
Environmental concern	Comply with RoHS, WEEE, REACH
Accessories	• Quick start guide • Belt clip • Li-ion battery • Power adapter
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first
Factory options	• 802.11 a/b/g/n Wi-Fi with Bluetooth 4.2 • Printer ready for vehicle mount adaptor • Printer ready for docking cradle • Enhanced print head
User options	• Micro type USB 2.0 cable • Li-ion battery • Li-ion smart battery • 1-slot battery charger • 4-slot battery charger • 1-slot docking cradle (use with printer ready for docking cradle) • 4-slot docking cradle (use with printer ready for docking cradle) • 12-24Vdc automobile cigarette lighter plug • 10.8-56Vdc power source with dummy battery • 12-60Vdc adaptor with cigarette lighter adaptor cable • Media hanger kit • IP54-rated environmental case with shoulder strap

Note: 802.11 a/b/g/n Wi-Fi will be ready soon.



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