RE310

Mobile Barcode Printer

Seamless Printing On-the-Go

Value meets proficiency with the RE310 Mobile Barcode Printer, excellent for daily receipt and label printing operations.

The rugged RE310 features a rubber over-molded exterior, IP54 dust and water-resistant rating, and withstands a 1.5 meter drop. It is USB Type-C compatible for seamless and efficient fast charging, and its 3,080mAh battery ensures uninterrupted productivity. It supports media widths of 20mm to 80mm, black mark on the back or printing side, and accessories for flexible and convenient label printing.

It also boasts advanced Bluetooth 5.3, NFC tap-to-pair, and dual-band Wi-Fi for fast roaming and uninterrupted connectivity. Printer language emulation, TSC Console software, the Software Development Kit (SDK), and professional technical support guarantee seamless system compatibility for smooth operations.

Its eco-friendly packaging reduces environmental impact and ensures sustainability.

Key Features

Durability Tailored to Industry Needs

- Enhanced durability with rubber over-molded protection
- IP54 dust and water resistant certified
- Withstands drops from 1.5 meters and tumbles from 1 meter

Effortless Mobile Connection

- Internal Bluetooth 5.3 for swift and reliable communication via Standard or Bluetooth Low Energy
- Simplified device pairing with NFC tap-to-pair
- Seamless connection with dual-band Wi-Fi for fast roaming and enterprise-grade secure connectivity

Uninterrupted Power Anywhere

- Conveniently charge with USB type-C via vehicle USB port, power bank, or power adaptor
- Supports Power Delivery for fast charging
- High-capacity 3,080mAh battery lasts an entire shift without downtime

Versatile Labeling

- Adjustable media holder fits various label widths from 20mm to 80mm
- Supports media with black mark on printing surface or back side
- Full line of accessories to support diverse labeling tasks

Hassle-Free Integration

- Auto-switch CPCL programming language and major brands' printer language emulation
- Easy configuration and deployment via TSC Console
- Comprehensive Software Development Kit (SDK) for developers

Environmentally Sustainable

- 100% recyclable packaging

Applications

Retail & Hospitality

- Mobile Ticketing
- Shelf Labeling/Price Markdown
- In-Cabin Service

Transportation & Logistics

- Shipping Labels
- Receiving Labels
- Direct Store Delivery

Public Sector

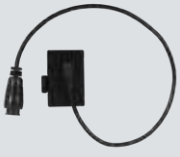
- Parking Ticketing
- Citations
- Utility Billing/Meter Reading

Manufacturing & Warehouse

- Material Labeling
- Product Labeling
- Field Service



RE310 Accessories

RE310	Description	User Option
	**Protective Case with Shoulder Strap** The printer can be worn comfortably for a full shift without interfering with the user's tasks and provides extra level of protection for harsh environments.	V
	**Belt Clip** Use the belt clip for a complete hands-free solution.	V
	**Li-Ion Battery** High-capacity battery that lasts an entire shift without downtime on a single battery charge.	V
	**1-Slot Battery Charger** Use the 1-slot charger to quickly charge the battery without any downtime.	V
	**4-Slot Battery Charger** The 4-slot charger is well-suited for heavy-duty missions.	V
	**12–48V DC Power Source with Battery Eliminator** Connect printer and vehicle power source directly by open-ended wire without using battery.	V
	**12V–48V Wire to Wire Battery Eliminator with Power Supply** Powers the printers directly from a forklift or vehicle, eliminating the need for batteries. It offers quick, tool-free removal and replacement of the dummy battery pack.	V
	**Wire to Wire Dummy Battery** Designed to work exclusively with the 12V–48V Wire-to-Wire Battery Eliminator and Power Supply, it eliminates the need for batteries.	V

RE310 Specifications

Model	RE310
Resolution	8 dots/mm (203 dpi)
Printing Method	Direct Thermal
Max. Print Speed	Up to 102mm (4")/second
Max. Print Width	72mm (2.83")
Max. Print Length	2,794mm (110")
Enclosure	Plastic with rubber over molded
Physical Dimension	115mm (W) x 125mm (H) x 63mm (D) 4.53" (W) x 4.92" (H) x 2.48" (D)
Weight (Including Battery)	440g (0.97lbs)
Drop Specification	1.5m (5ft), with protective case can be 1.8m (5.9ft)
Tumble Test	500 free falls from 1m (3.3ft), with protective case can be 800 free falls from 1m (3.3ft)
IP Rating	IP54 (without case, paper path is excluded)
Max. Roll Capacity	51mm (2") OD
Processor	32-bit RISC CPU
Memory	• 16 MB Flash memory • 64 MB SDRAM
Interface	Either one selected • Type C USB 2.0 + Bluetooth 5.3 + Passive NFC tag • Type C USB 2.0 + 802.11 a/b/g/n with Bluetooth 5.0 + Passive NFC tag
Power	7.4V DC, 3080mAh Li-ion rechargeable battery
Charging Method	USB Charging *Supports USB fast charging up to 18W
Operation Button	3 buttons (On/off, pause/feed, and cover-open)
User Interface	LCD, 128 x 32 pixels
Sensors	• Reflective sensor • Transmissive sensor • Head open sensor
Real Time Clock	Available on WLAN models
Internal Fonts	• 8 alpha-numeric bitmap fonts • Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font
Barcode	• 1D barcode Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS • 2D barcode CODABLOCK F mode, GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39
Printer Language	TSPL-EZC (EPL2, ZPL2, CPCL), or ESC-POS
Media Type	Receipt paper, receipt paper with black mark in printing side or backside, label
Media Width	20mm - 80mm (0.79" - 3.15") with liner
Media Thickness	0.06mm - 0.20mm (2.36mil - 7.87mil)
Media Height	15mm (0.59")
Media Core Diameter	Standard: 12.7mm (0.5") Optional: 19.1mm (0.75")
Environment Condition	Operation: -10°C - 50°C (14°F - 122°F), 10% - 85% non-condensing Storage: -20°C - 60°C (-4°F - 140°F), 5% - 90% non-condensing
Environmental Concern	Comply with RoHS, WEEE, REACH, China RoHS
Accessories	• Quick start guide • Belt clip • Type-C USB 2.0 cable • USB-A power adaptor • Li-ion battery
Limited Warranty	• Printer: 2 years • Print head: 25km (1 million inches) or 12 months which comes first • Platen: 50km (2 million inches) or 12 months which comes first • Battery: 1 year
Factory Options	Media sensor position (default center, right, or left side)
User Options	• Type-C USB 2.0 cable • USB-A power adaptor • IP54-rated protective case with shoulder strap • Li-ion battery • 1-slot battery charger • 4-slot battery charger • 12-48V DC power source with battery eliminator • 12-48V wire to wire battery eliminator with power supply • Wire to wire dummy battery pack



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