

# Element RW50L

Thermal Receipt Printer



The new **Element RW50L** Thermal Receipt Printer features a compact body with an exquisite design, a side-opening cover for easy paper loading, and gear dust-proofing for extended printer life, making it a cost-effective POS solution for catering, retail, hospitality, and beyond.



1D/2D Barcode



Fast Printing speed



Error Reprint



Budget friendly



Cutter Jam-Free

- > Compact and stylish design for modern POS environments
- > Side-opening cover for quick and hassle-free paper loading
- > Dust-proof gear mechanism ensuring extended printer life
- > High-speed printing at 200mm/s for greater efficiency
- > Multi-language printing support for diverse business needs
- > 1D & 2D barcode compatibility for versatile receipt functionality
- > Cost-effective solution tailored for catering, retail, and hospitality

# TECHNICAL SPECIFICATIONS - RW50L

| Item              |                       | Parameter                                                                                 |
|-------------------|-----------------------|-------------------------------------------------------------------------------------------|
| Print parameter   | Printing Method       | Direct Thermal                                                                            |
|                   | Resolution            | 203 DPI/180 DPI                                                                           |
|                   | Printing Width        | 72 mm(Default)/48 mm                                                                      |
|                   | Printing Speed        | Max.200mm/s                                                                               |
|                   | Protocol              | ESC/POS(support page mode)                                                                |
| Media             | Media Type            | Continuous thermal receipt/recycled thermal paper                                         |
|                   | Media Width           | Max. 80 mm                                                                                |
|                   | Paper Roll Diameter   | Max. Φ 80.0 mm                                                                            |
|                   | Paper exit            | Front exit                                                                                |
| Barcode           | 1D                    | UPC-A, UPC-E, EAN-8, EAN-13, CODE39, ITF, CODABAR, CODE128, CODE93                        |
|                   | 2D                    | QR Code, PDF417                                                                           |
| Font              | Chinese               | Simplified/Traditional (24×24)                                                            |
|                   | Alphanumeric          | Font A 12×24, Font B 9×17                                                                 |
|                   | Character Set         | Chinese, International Character Sets, Korean, Japanese                                   |
| Interface         | Standard              | 1*USB Type-B, Ethernet, Cash drawer                                                       |
|                   | Optional              | Wi-Fi, Bluetooth                                                                          |
| Beeper            | Type                  | Built-in buzzer, external buzzer (optional)                                               |
| Sensor            | Standard              | Over-temperature detection, paper out detection, cover up detection, cutter jam detection |
| Memory            | RAM                   | 4 MB                                                                                      |
|                   | Flash                 | 4 MB                                                                                      |
| Power Supply      | Input                 | AC 100~240 V, 50/60 Hz                                                                    |
|                   | Output                | DC 24V 1.5A                                                                               |
| Software          | Driver                | Windows 7/8/10, Windows Server 2008/2012/2016                                             |
|                   |                       | Linux, Javapos, OPOS, MacOS                                                               |
|                   | Utility               | Windows 7/8/10, Windows Server 2008/2012/2016                                             |
| Reliability       | TPH                   | 100 km                                                                                    |
|                   | Cutter life           | 1 million                                                                                 |
| Environment       | Operating temperature | 0°C~45°C/25%~85%RH                                                                        |
|                   | Storage temperature   | -20°C~60°C/5%~95%RH                                                                       |
| Printer Dimension |                       | 145*123.5*121.6 mm (W*D*H)                                                                |
| Certification     |                       | CCC, CE, FCC                                                                              |

\* Specifications may change without notification (E&OE)