

# RETSOL BARCODE PRINTER



## Retsol R220

### USER FRIENDLY DESIGN, THE PERFECT FIT!

#### Features :

- Smooth printing experience
- Large supplies capacity - 300 meters (984') ribbon supply or 110 meters (361') ribbon supply on a 12.7 mm (0.5") core
- Print width up to 108 mm-supports multiple media types
- Position adjustable sensor - print precisely
- Automatic calibration - speed up printing test
- Media window design - easily check supplies stock status
- High-class thermal printing head - clear print quality and enhance durability
- User friendly design for easy installing media and ribbon
- USB 2.0 fast transmission speed
- Print quietly - low operation noise providing quality working environment
- Optimized heat radiation design - durable for large volume printing



R220	Technical Specifications	Applications
Resolution	8 dots/mm (203 DPI)	<ul style="list-style-type: none"> <li>• Shelf Labeling • Compliance Labeling</li> <li>• Receipt/Coupon Printing</li> <li>• Shipping &amp; Receiving • File-Folder Labeling</li> <li>• Asset Tracking • Specimen Labeling</li> <li>• Patient Tracking</li> </ul>
Printing method	Thermal Transfer & Direct Thermal	
Max. print speed	152 mm(6")/ second	
Max. print width	108 mm (4.25")	
Max. print length	25,400 mm (1,000")	
Enclosure	PC and ABS plastic	
Physical dimension	211 mm(W) x 164 mm(H) x 279 mm(D) 8.31"(W) x 6.46"(H) x 10.98"(D)	
Weight	2.0 kg (4.41 lbs.)	
Label roll capacity	127 mm (5")OD	
Ribbon	300 m long, max. OD 67 mm, 1" core (ink coated outside) 110 m long, max. OD 40 mm, 0.5" core (ink coated outside)	
Ribbon width	40 mm ~ 110 mm (1.6" ~ 4.3")	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;"> <p>Fast speed Printing</p> </div> <div style="width: 50%; text-align: center;"> <p>User friendly design</p> </div> <div style="width: 50%; text-align: center;"> <p>Reliable &amp; stable</p> </div> <div style="width: 50%; text-align: center;"> <p>Power saving</p> </div> <div style="width: 50%; text-align: center;"> <p>Varied printing application</p> </div> <div style="width: 50%; text-align: center;"> <p>Clear print quality</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> </div> <div style="text-align: center; margin-top: 20px;"> </div>
Processor	32-bit RISC CPU	
Memory	16MB Flash, 64MB SDRAM	
Interface	USB 2.0	
Power	External universal switching power supply Input: AC 100-240V, 2.0A, 50-60Hz, Output: DC 24V, 2.0A, 48W	
Operation switch	1 Power switch	
Button, LED	1 operation button (pause/feed), LED (3 colors : green, orange & red)	
Sensors	- Transmissive gap sensor - Black mark reflective sensor - Ribbon end sensor - Head open sensor	
Internal fonts	8 alpha-numeric bitmap fonts Windows font can be downloaded by software	
Barcode	- 1D barcode Code 128UCC, Code 128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Code 39, Code 39 with check digit, Code 93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, Code 11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS - 2D barcode GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417	
Font and barcode rotation	0° x 90° x 180° x 270°	
Printer language	TSPL-EZD (Compatible with EPL, ZPL, ZPL II, DPL)	
Media type	Continuous, die-cut, black mark, fan-fold (outside wound)	
Media width	19 ~ 118 mm (0.8" ~ 4.6")	
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)	
Media core diameter	25.4 mm (1.0")	
Label length	5 ~ 25,400 mm (0.2" ~ 1000")	
Environment condition	Operation: 0 ~ 40°C, humidity (non-condensing) 10 ~ 85% Storage: -20 ~ 60°C, humidity (non-condensing) 5 ~ 90%	
Safety regulation	BIS, KC	
Environmental concern	Comply with RoHS, REACH, WEEE	
Accessories	Quick start guide, USB cable, Power cord, External universal switching power supply Label spindle x 1, fixing tab x 2, 1" ribbon spindle x 2, 0.5" ribbon spindle x 2	
Warranty	One year for printer and six months or 25Km for printer head whichever is earlier	

