

2S Series Printer Specification

Model	2S 200	2S 300	2S 600
Print Method	Thermal Transfer / Direct Thermal		
Resolution	203 dpi (8 dot/mm)	300 dpi (12 dot/mm)	600 dpi (24 dot/mm)
Print Speed	Up to 16 ips (406 mm/s)	Up to 12 ips (305 mm/s)	Up to 8 ips (203 mm/s)
Print Width	4.09" (104 mm)	4.09" (104 mm, up to 105.7 mm)	4.09" (104 mm, up to 105.6 mm)
Print Length	Min. 0.12" (3 mm)** Max. 279.53" (7100 mm)	Min. 0.12" (3 mm)** Max. 125.98" (3200 mm)	Min. 0.12" (3 mm)**Max. 31.50" (800 mm)
Processor	32 Bit RISC CPU		
Memory	256MB Flash (Free for user storage 162 MB); 256MB SDRAM 16GB for display		
Sensor Type	Adjustable reflective sensor and transmissive sensor, left aligned Types: Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming Width : (Tear): Min. 0.8" (20 mm) – Max. 4.65" (118 mm) (Cutter): Max. 4.61" (117 mm)		
Media	(Dispenser / Rewind): Max. 4.65" (118 mm) Thickness: Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm) Label roll diameter: Max. 8" (203.2 mm) Core diameter: Min. 1.5" (38.1mm) – Max. 3" (76.2mm)		
Ribbon	Types: Wax, wax/resin, resin Length: Max. 1476' (450 m) Width: Min. 1.18" (30 mm) – Max. 4.33" (110 mm) Ribbon roll diameter: 3" (76.2 mm) Core diameter: 1" (25.4 mm)		
Printer Language	EZPL, GEPL, GZPL, GDPL auto switch		
Software	Label design Tool : GoLabel II (for EZPL only) (Windows) Management Tools : GoTools (Windows / Android / iOS) , GoUtility (Windows) APP : GoAPP (Android / iOS)		
Driver	Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux		
SDK	Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS		
Resident Fonts	Bitmap fonts : 6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions TTF Fonts : (Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x 5: Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages		
Download Fonts	Bitmap fonts 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable Asian fonts 16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions TTF Fonts (Bold / Italic / Underline). 0°, 90°, 180°, 270° rotatable		
Barcodes	1-D Barcodes : China Postal Code, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GSI DataBar, HIBC, Industrial 2 of 5, Interleaved 2-of-5 (1 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode 2-D Barcodes : Aztec code, Code 49, Codablock F, Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417, QR Code, TLC 39, GSI Composite, DotCode, Marco PDF 417		
Code Pages	Codepage 437, 737, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8 UTF16BE UTF16LE		
Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software		
Interfaces	USB 2.0 (Type B) Serial port (RS-232) Ethernet 10/100 Mbps USB Host * 3 (Type A). 2 ports at the front panel, 1 port at the rear panel		
Real Time Clock	Standard		
Control Panel	Backlight 5" touch screen LCD supports on-board videos 1 Power on/off button with blue color LED backlight 1 Control key: FEED/PAUSE/CANCEL with three color LED backlight: Ready (Blue); Error (Red); Calibration (Green) 1 Calibration button at the rear panel		
Power	Auto Switching 100-240VAC, 50-60Hz		
Environment	Operation temperature : 41°F to 104°F (5°C to 40°C) Storage temperature : -4°F to 140°F (-20°C to 60°C)		
Humidity	Operation : 20-85%, non-condensing. Storage : 10-90%, non-condensing.		
Agency Approvals	CE (EMC), FCC Class B, ICES-003, CB, cULus, UKCA, BSMI, CCC, KC ***		
Dimension	Length : 460mm , Width : 269mm , Height : 309mm		
Weight	30 lbs (13.6 Kg), excluding consumables		
Options	Cutter module (User Install) – Rotary cutter, Guillotine cutter, Perforation cutter, High speed cutter, Paper card cutter Label dispenser + Internal rewinder module (Dealer Install) Wifi (IEEE 802.11 b/g/n) and BT (BLE 5.0) combo module (Dealer Install) Applicator Interface (DSUB female 15-pin) RFID (UHF) R/W module (project option) External label unwinder External label rewinder		

Soabbar 2S Series Specification Available in 4" width

* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.

** Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. Soabbar is pleased to test non-standard materials for minimum print height, and maximum print speed capability.

*** The safety certification marks may be different depending on sales regions.