

POS Printer

# RP-B10



- **High speed printing**  
Max printing speed: 200mm/sec  
High speed throughput with the Windows® driver (from data translation to printing completion)
- **High reliability**  
Printer engine: 100km  
Print head: 100km, 100 million pulses  
Cutter: 1.5 million cuts
- **Mounting flexibility**  
Countertop, vertical and wall mounting options.
- **Driver and utility software**  
Driver: Windows® driver, OPOS driver\*1 (For Windows® XP/Vista)  
SDK: Status API, Devmode API (For Win32 API\*2/ .net API\*3)  
Utility soft (Build on the Windows® driver): Memory SW setting, LOG management,



RP-B10

RP-B10 (Top cover is opened)

\*1 The Device Driver by OLE technology.

\*2 \*3 The Windows API, informally WinAPI, is Microsoft's core set of application programming interfaces (APIs) available in the Microsoft Windows operating systems. The Win32 API is for Windows operating system on 32bits processor. The .net API is for the .net framework on Windows operating system.

Model		RP-B10
Printing	Method	Thermal line dot printing
	Number of dots/line	576
	Resolution (dpi)	203(8dots/mm)
	Paper width (mm)	58 <sup>+0</sup> / <sub>-1</sub> / 80 <sup>+0</sup> / <sub>-1</sub>
	Printing width (mm)	54/72
	Speed (mm/sec)max	200
	Outside diameter of paper roll(mm)max	φ83
	Inside diameter of paper roll(mm)	φ12
	Character matrix (H x W dots)	24 x 12, 24 x 24, 16 x 8, 16 x 16
	Character size (H x W mm)	3.0 x 1.5, 3.0 x 3.0, 2.0 x 1.0, 2.0 x 2.0
Type of paper	Roll paper	
Character type	Code page: 11pages, Downloaded character, User-defined character, JIS 1&2 level kanji	
Bar code	UPC-A/E, JAN(EAN)8/13, ITF, Code39, CODABAR, Code93, Code128, QR, PDF417	
Power supply (V)	Specified AC adapter, External power (DC24V±5%)	
Communication interface	RS-232C, USB	
Input buffer	10k bytes	
Command	ESC/POS™*4 conformity	
Cutting (Methods / Cutting type)	Slide type / Partial cut (Leave center point)	
Operating Temperature (°C)	5 to 45	
Service life	Abrasion resistance (km)	100*5
	Life (cut)	1,500,000
Dimensions (WxDxH mm)	150.0x185.0x139.5*6	
Mass (g)	Approx. 1300	
Standard	FCC, CE, VCCI	
Option	AC adapter, AC cable, Wall mounting kit, Vertically mounting kit	
Cash drawer	2 drivers (24V / 1A)	
Body Color	2 models: White / Black	

\*4 ESC/POS™ : Registered trademark of SEIKO EPSON CORP. \*5 Use recommended thermal papers. \*6 Excluding protrusion Windows® is the registered trademark of Microsoft Corporation (USA).