

RP-D10

Supported software

	Windows*					Linux		Android™				
	Printer Driver			OPOS Driver		POS for .Net Driver		CUPS	SDK	SDK		
	7 /	8	Vista	Хр	7	Хр		7	Хр		×	3.1 or later
	64bit	32bit	32bit	32bit	32bit	32bit	64bit	32bit	32bit	32bit	32bit	-
USB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Serial	✓	✓	✓	✓	✓	✓	✓	✓	✓	~	✓	-
Ethernet	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-

*Redhat Ent. 6.2. Open SUSE 11.4. Ubuntu 10.10

Specification

Model		RP-D10				
Method		Thermal line dot printing				
	Resolution (dpi)	203 (8dots/mm)				
	Paper width (mm)	80 ⁺⁰ ₋₁ / 58 ⁺⁰ ₋₁				
	Printing width (mm)	72/54				
Printing	Speed (mm/sec)max	200				
	Outside diameter of paper roll (mm)max	f83				
	Inside diameter of paper roll (mm)	f ₁₂				
	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(14pages), Optional font, Downloaded character, User-defined character, JIS 1&2 Level Kanji, Special character				
Bar code		UPC-A/E, JAN(EAN)8/13, ITF, CODABAR, Code39, Code93, Code128, QR Code, PDF417				
Power supply (V)		Specified AC adapter, External power (DC24V±5%)				
Communication interface		USB, Serial, USB+Serial, Powered USB, Ethernet				
Input buffer		4k bytes				
Command		ESC/POS™ conformity, Markup Language				
Cutting	Methods	Slide type				
catting	Cutting type	Full cut, Partial cut (Leave center point)				
Operating Ter	mperature (°C)	5 to 45				
Service life	Abrasion resistance (km)	100*1				
	Life (cut)	1,500,000*2				
Dimensions ($W \times D \times H mm$)	129.0 x 129.0 x 129.0* ³				
Mass (g)		Approx.850				
Standard		FCC, CE, VCCI, RCM				
Option		Wall mounting kit				
Cash drawer		2 drivers (24V / 1A)				
Body color		2 colors : White / Black				
Driver		Printer driver(XP/Vista/7(32bit/64bit)/8(32bit/64bit)), OPOS(XP/POSReady2009/7/POSReady7), POS for .Net (XP/POSReady2009/7(32bit/64bit)/POSReady7(32bit/64bit), Windows"(SDK), Linux(CUPS/SDK), Android™(SDK)*4				

*1 Use recommended thermal papers. *2 Vary according to thermal paper *3 Excluding protrusion *4 USB only

Interface and accessories

Interface	Model (White)	Model (Black)
USB	RP-D10-W27J1-U	RP-D10-K27J1-U
Serial	RP-D10-W27J1-S	RP-D10-K27J1-S
USB+Serial	RP-D10-W27J1-1	RP-D10-K27J1-1
LAN	RP-D10-W27J1-E	RP-D10-K27J1-E

Accessories	Part number	Remark
AC adapter	PW-E2427-W1	
AC Code	CB-CE03-20A	Approx. 2.0m
USB cable	IFC-U02-1	Approx. 1.8m
Serial cable	IFC-S02-1	Approx.1.8m
Powered USB cable	IFC-V01-1	Approx. 1.8m
Wall-mount kit	WLK-B01-1	

SAFETY PRECAUTIONS

1. This catalog provides a summary of product specifications. Before using each product, please thoroughly read the technical manual, user's manual, and other manuals which have been prepared by us. 2. The products listed in this catalog are not allowed to be used as part of any life-support sy

or system which requires extremely high reliability, without our permission in writing. When using each product, thoroughly understand the specifications of the product, observe the descriptions and markings for prevention and avoidance of danger, on your products and in the documents such as the manual, and advise and guide your customers (users).

- ▲ ESC/POS[™] and ESC/P[™] are registered trademarks of SEIKO EPSON Corporation
- ▲ Windows* is the registered trademark of Microsoft Corporation (USA).
 ▲ Android[™] is a trademark of Google Inc.
- Linux is a registered trademark of Linus Torvalds in the United States and / or other countries. Company and product names are trademarks or registered trademarks of their respective compan We have completed making all of our printers compliant with the RoHS directive.

Specifications are subject to change without notice



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Authorized Distributor



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Energy Star Qualified, Paper Saving, Efficient. Next Generation POS Printer

200mm/s

SII







Compact, Precise and Stylish



SII

Compact Cube POS printer

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Four in One

Dual Top-Exit and Front-Exit options are available in one model *Dropping water protection (IEC60529 IPX1 level) with front-exit

setting.



Dual paper width 2"(58mm) and 3"(80mm)

With the provided paper guide, 2"paper can be used in addition to standard 3" paper.

INTERFACE

USB, Serial, and Ethernet interfaces are available, along with the industry's first USB + Powered Serial configuration.

USB

Ethernet

With this combination, the Serial interface is used to power a peripheral device such as a pole display or scanner, supplying a 5V or 12V current.





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Printing Modes

The RP-D gives you the option to chose from 4 different speed modes.

Mode 1. High speed mode: Print up to 200mm/s

Mode 2. Mid speed (quieter) mode: Print up to 180mm/s

Mode3. Variable speed mode: Printing speed automatically adjusts to optimize for each specific output. With this setting, text is automatically generated at high speed, while graphics, such as a logos or bar codes, are produced at a lower speed to emphasize higher printing quality. * This setting is available when operating in "standard" mode only (not in page mode).

Mode 4. Low speed mode:

graphics output.

Emphasizes high quality printing for

COFFEE CAFE Nakase 1-chone, Wihana-ku, Chiba-shi, Chiba 261-xxxx, Japa Tel:+81-43-211-xxxx No.123455789 01/11/13 09:00 A BEERST \$ 18,50 \$ 22,00 \$ 20,00 \$ 3,50 \$ 3,50 \$ 5,00 \$ 10,00 \$ 3,50 \$ 5,00 \$ 10,00 \$ 10,00 \$ 10,00 \$ 10,00 \$ 30,00 \$ 3,00 \$ 3,50\$ COKE ICE CREAM CHINESE NOO SUKIYAKI SANDWICH PIZZA TEA COFFEE High speed \$ 174,50 \$ 8,73 \$ 183,23 SUBTOTAL SALES TAK TOTAL CASH \$ 200,00 CHANGE DUE \$ 15,77 High guality

Top space reduced to 2mm

The blank space at the top of receipts can be reduced to 2 mm by sending the "backward feed" command



-80mm SII 💣 SII 💣 お聞いたげ道をありがとうございまし またのご来源を心よりお待ちしており

Paper consumption can also be easily

reduced using the Windows driver by

converting from 80 mm to 58 mm width

paper. As an alternative, the size of the

original image can also be reduced by

75%, to further reduce paper

consumption.

The RP-D10 is INTERNATIONAL ENERGY STAR qualified and is the most energy efficient in its class.

FLEXIBLE

Dual top and front-access configuration options give you more installation flexibility, including the ability to slide a printer under the counter. And, an optional wall-mount kit combined with IPx1 certification for dripping water protection make front-exit setting highly suitable for kitchen printing applications.

[Example of installation]







Dropping water protection (IEC IPX1 level) with front-access setting.



Wall-mount kit (option)

CUTTER

The anti-jamming cutter design ensures greater safety and easier maintenance by automatically returning the cutter to the "home" position when the paper cover is opened.

Power is supplied by the host to the printer via a Powered USB cable (and standard USB interface). Here high speed printing is maintained with the SII's dynamic division drive control.





USB+Powered Seria



With a stylish 129 mm-cube design, RP-D series printers offer the smallest footprint available, to free up valuable space at the point-of-sale.

COMMAND SET

FSC/POS

Industry standard ESC/POS commands are supported to facilitate programming.

Markup language

Mark-up language is also supported, with web based "print preview" functionality, for a more intuitive receipt configuration process.



Print by RP-D10



Utility tools

- Printer status management
- Memory switch settings
- Log management
- Test print
- NV image registration
- Codepage registration
- Driver settings and others

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Windows

- Win32 API (Inc. Devmode API)
- .NET API (Inc. Devmode API)
- Linux
- CUPS Filter
- Communication Library
- Android
- Printer Class Library