

# AVNET EMBEDDED SPECIFICATION.

**Datasheet**  
Seiko  
DPU-S445

**Mobile Printer****DPU-S445**

- Max printing speed: 90mm/sec
- Interface: Bluetooth®, USB, IrDA (ver1.2) and Serial
- Compact and Light-weight
- Easy paper operation
- Support label and cut sheet paper
- Windows® drivers (XP and Vista)
- Software library (Windows® CE 5.0, Windows® Mobile 5.0 / 6.0)

**DPU-S445**

Model		DPU-S445
Printing	Methods	Thermal line dot printing
	Number of dots/line	832
	Resolution (dots/mm)	8
	Paper width (mm)	112 <sup>+0</sup> <sub>-1</sub>
	Printing width (mm)	104
	Speed (mm/sec) max	90
	Outside diameter of paper roll (mm) max	ø50
	Character matrix (HxW dots)	24 x 12, 24 x 24, 16 x 8, 16 x 16
	Character dimensions (HxW mm)	3.0 x 1.5, 3.0 x 3.0, 2.0 x 1.0, 2.0 x 2.0
Number of columns	52, 26, 69, 34	
Type of Paper	Roll Paper, Label Roll Paper, Cut Sheet Paper	
Character type	Optional Font, Downloaded Character, User-defined Character, Extend Graphics Character set, Katakana Character set, JIS 1&2 level Kanji	
Barcode	UPC-A/E, JAN(EAN)8/13, ITF, CODE39, CODABAR, CODE128, PDF417, QR Code, MaxiCode, Data Matrix	
Power supply (V)	Li-Ion Battery, Specified AC adapter	
Communication interface	Bluetooth® *1, USB, IrDA(ver1.2), Serial	
Input buffer	4K bytes	
Command	ESC/P™ *2 conformity	
Cutting	Tear bar	
Operating	Temperature (°C)	0 to 50
	Humidity (%RH)	30 to 80 (Non condensation)
Service Life (km)	50 *3	
Dimensions (WxDxH mm)	145 x 135 x 58 *4	
Mass (g)	Approx.490 *5	
Standard	FCC, CE, VCCI	
Option	AC adapter, Battery pack, Battery Charger, AC cable, USB cable, Serial cable	

\*1 Only bluetooth model \*2 ESC/P™:Registered trademark of SEIKO EPSON CORP. \*3 Use recommended thermal papers \*4 Excluding protrusion \*5 including battery, excluding roll paper  
Windows® is the registered trademark of Microsoft Corporation (USA).

**Serial interface specification**

Item	Specification
Baud rate	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps
Data bit	7bits, 8bits
Parity bit	Odd, Even, or None
Stop bit	1bit, 2bits
Control method	H/W BUSY, Xon/Xoff

**USB interface specification**

USB printerclass 2.0 conformity

**Bluetooth interface specification**

Based on Bluetooth® Ver.2.0 + EDR

**Infrared interface specification**

Based on IrDA Ver. 1.2

Based on BHT Ir protocol

**Easy Paper Operation****Cut Sheet Paper printing**

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