

Mobile Printer

DPU-S Series



- Max printing speed: 100mm/sec (DPU-S245)
90mm/sec (DPU-S445)
- Interface: Bluetooth®, USB, IrDA (ver1.2) and Serial
- Compact and light-weight
- Easy paper operation
- Various drivers



DPU-S445



DPU-S245

Model	DPU-S245	DPU-S445
Method	Thermal line dot printing	
Number of dots/line	384	832
Resolution (dots/mm)	8	8
Paper width (mm)	58 ⁺⁰ ₋₁	112 ⁺⁰ ₋₁
Printing width (mm)	48	104
Speed (mm/sec)max	100	90
Outside diameter of paper roll (mm)max	φ38	φ50
Character matrix (HxW dots)	24 x 12, 24 x 24, 16 x 8, 16 x 16	24 x 12, 24 x 4, 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	3.0 x 1.5, 3.0 x 3.0, 2.0 x 1.0, 2.0 x 2.0
Number of columns	24, 12, 32, 16	52, 26, 69, 34
Type of Paper	Roll paper, Label roll paper	Roll paper, Label roll paper, Cut sheet paper
Character type	Extended graphics character set, Katakana character set, CP1252, Optional font, Downloaded character, User-defined character, JIS 1&2 level kanji	
Bar code	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®*, USB, IrDA (ver1.2), Serial	
Input buffer	4K bytes	
Command	ESC/P™ conformity	
Cutting	Tear bar	
Operating temperature (°C)	-10 to 50	0 to 50
Service life (km)	50 *2	
Dimensions (W x D x H mm)	83 x 130 x 45 *3	145.0 x 135.0 x 58.0 *3
Mass (g)	Approx.280 *4	Approx.490 *4
Standard	FCC, CE, VCCI, CCC *5	FCC, CE, VCCI, CCC
Option	AC adapter, Battery pack, Battery charger, AC cable, USB cable, Serial cable, Carrying case	
Drivers	Windows® XP/Vista/7(32bit/64bit), Library(Windows® CE5.0, Windows® Mobile5.0/6.0), Android™(SDK) *6	

*1 Only Bluetooth® model *2 Use recommended thermal papers *3 Excluding protrusion *4 including battery, excluding roll paper *5 DPU-S245-00A-E model only *6 Bluetooth model only
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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



DPU-S245



DPU-S445

Cut sheet paper



DPU-S445