

AVNET EMBEDDED SPECIFICATION.

Datasheet
Seiko
DPU-D2/D3

Panel-Mont Printer Unit

DPU-D2 / D3



- Max printing speed: 100 mm/s (DPU-D2)
80 mm/s (DPU-D3)
- Small and compact model
- Panel-mount type
- Easy paper operation
- Windows® Driver (XP / Vista)



Model		DPU-D2-00A/01A-E	DPU-D3-00A/01A-E
Printing	Method	Thermal line dot printing	
	Number of dots/line	384	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 ⁺⁰ ₋₁	80 ⁺⁰ ₋₁
	Printing width (mm)	48	72
	Speed (mm/sec) max	100 (8.5V)	80 (8.5V)
	Paper path	Curved	
	Character matrix (HxW dots)	24 x 24, 24 x 12, 16 x 16, 16 x 8	
	Character size (HxW mm)	3.0 x 3.0, 3.0 x 1.5, 2.0 x 2.0, 2.0 x 1.0	
	Number of columns	16, 32, 24, 48	24, 48, 36, 72
Character type		Downloaded Character, User-defined Character, Alphanumeric, Katakana Character set, JIS 1 & 2 level Kanji	
Barcode		UPC-A/E, JAN (EAN)8/13, ITF, CODE39, CADABAR, CODE93, CODE128	
2D Barcode		PDF417, QR Code, MaxiCode, Data Matrix	
Power supply (V)		Driving Voltage (5.0 to 9.0)	
Data input method		00A : Serial/USB 01A : Parallel	
Input buffer		4,096 bytes	
Command		ESC/POS™ *1 conformity	
Cutting		Tear bar	
Operating	Temperature (°C)	-10 to 50	
	Humidity (%RH)	30 to 85 (Non condensation)	
Service life	Pulse activation (pulse)	100 million	
	Abrasion resistance (km)	50 *2	
Dimensions (W x D x H mm)		80.0 x 85.5 x 55.3 *3	102.0 x 85.5 x 55.3 *3
Mass (g)		Approx.180	Approx.210

*1 ESC/POS™ : Registered trademark of SEIKO EPSON CORP. *2 Use recommended thermal papers *3 Excluding protrusion
Windows® is the registered trademark of Microsoft Corporation (USA).

Serial interface specification

Item	Specification
Baud rate	115,200 bps
Data bit	8 bits
Parity bit	Non
Stop bit	1 bit
Control method	BUSY, Xon/Xoff

Parallel interface specification

Item	Specification
Synchronization	Synchronized with STROBE signal
Handshaking	Synchronized with ACK and BUSY signal
Signal level	TTL level

USB interface specification

USB printerclass 2.0 conformity

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