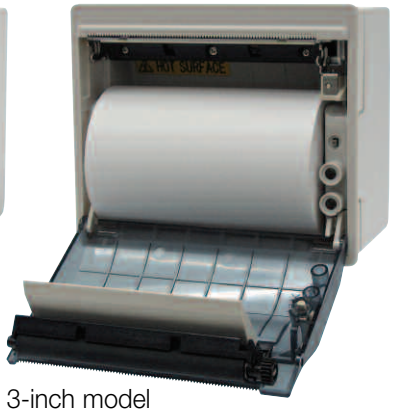
Seiko Instruments

Thermal Printer Division

DPU-D Series Panel Mount **Printers**

Medical device manufacturers face numerous design challenges and compliance hurdles that can complicate and prolong product design cycles. New devices must be small and portable, easy to use, robust, extremely reliable, and cost-effective. DPU-D series low voltage direct thermal printers answer these challenges with proven, cost-effective, user friendly 2” and 3” panel mount designs. Built to fit into tight spaces, DPU-D thermal printers can help you sidestep integration headaches, accelerate time-to-market, and improve the user experience.

2-inch model



3-inch model

Small Footprint

DPU-D series printers offer unique small footprint designs that are ideal for shrinking next generation medical devices. With the 2” unit measuring only 3.1 x 2.7 x 3.4 inches* (W x D x H), the DPU-D easily mounts to your device’s front panel, freeing up valuable real estate.

Streamlined Integration

When engineering resources are at a premium, the DPU-D provides a compelling alternative to a conventional printer mechanism. As a complete solution that is ready to be slotted into your design, the panel mount printer immediately reduces the engineering time and cost required to incorporate an embedded printing solution. A choice of USB, Serial, and Parallel interfaces adds further integration flexibility.

Ease To Use

EZ-OP clamshell paper replacement ensures fast access and ease of use. And intuitive LED readouts clearly provide operating status and immediate error notification. With built-in ease of use, the DPU-D thermal printer helps you provide a better overall user experience.

*excluding protrusion

- **Complete embedded printing solution for faster integration.**
- **Choice of 2” and 3” print widths.**
- **Smaller footprint supports greater portability.**
- **Up to 100 mm/second print speeds.**
- **Easy to use.**
- **Choice of USB, Serial and Parallel interfaces.**

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DPU-D Series
Panel Mount **Printers**

Model		DPU-D2-00A/01A-E	DPU-D3-00A/01A-E
Printing	Method	Thermal line dot printing	
	No. dots/line	384	576
	Resolution (dots/mm)	8	
	Paper width (mm)	58 $^{+0}_{-1}$	80 $^{+0}_{-1}$
	Printing width (mm)	48	72
	Speed (max. mm/sec)	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
Charcter type		Downloaded Character, User-defined Character, Alphanumeric, Katakana Character set, JIS 1 & 2 level Kanji	
Bar code		UPC-A/E, JAN (EAN)8/13, ITF, CODE39, CADABAR, CODE93, CODE128	
2D bar code		PDF417, QR Code, MaxiCode, Data Matrix	
Power supply (V)		Driving Voltage (5.0 to 9.0)	
Interface		Model 00A : Serial/USB, Model 01A : Parallel	
Input buffer		4,096 bytes	
Command		ESC/POS™* conformity	
Cutting		Tear bar	
Operating	Temperature (°C)	-10 to 50	
	Humidity (%RH)	30 to 85 (Non condensing)	
Service life	Pulse activation (pulses)	100 million	
	Abrasion resistance (km)	50**	
Dimensions (WxDxH mm)		80.0x68.8x85.5 ***	102.0x68.8x85.5 ***
Mass (g)		Approx.180	Approx.210

*ESC/POSTM: Registered trademark of SEIKO EPSON CORP.
**Use recommended paper ***Excluding protrusion

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