DIKAI CODING



D118i Intelligent Printer

To meet the performance and price Dikai developed the D118i intelligent printer. Aiming at upgrading hot stamping coders, D118i can achieve intelligent and clear printing on films and labels. It can achieve better print result with lower cost than traditional printer. It can also achieve intelligent quality ribbons of anti-oil anti-freezing, boiling resistance, and scratch resistance.

Upgrade

- Upgrading the traditional hot stamping coder, without pre-heating and manually changing types.
- 200 dpi resolution for clear prints.
- Support real-time and lot No. printing for traceability.

Environmental

- Consumables are thermal transfer ribbons, non-toxic, tasteless, and no dust, suitable for application with strict environmental protection requirements.
- No damage to the packaging material; waste reducing.

Intelligent

- Can print time, variables, text, grahics, etc.
- Within the print area, character size, line number, and orientation can be edited at will.
- The HMI supports hot swap; multi-printers can be connected with one HMI.

Beneficial

- Character size is adjustable within print area; min. gap between prints 0.5mm; cost saving on consumables.
- Long ribbon reduces the frequency of downtime for ribbon changing.
- Easy to change the printing message on HMI.







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VS Hot Stamping

	DIKAI D1X8	Hot Stamping
Ribbon Utilization	**Minimum interval on the ribbon - 0.5mm**	Large interval between contents on ribbon
Print Real-time date	**Real-time date and time can be printed**	No, manually modify the printing time
Printi content	**EXP, MFG, machine number, etc**	Fixed content
Printing Results	**200/300 DPI, Clear and Stable**	Unstable, affected by heating conditions
Printing Adhesion	**Stable and wear-resistant**	Normal
Print Area	**Flexible editing within the print area**	Maximum 3 lines
Speed	**Maximum 300 times/minute**	Maximum 120 times/minute
Impact on package materials	**No**	Easy to damage packaging
Editing Methods	**On Screen controller + PC editing software**	Need to replace letters
Preparation for printing	**Power on and work**	Requires preheating
Length of Ribbon	**350m**	100m
The D1X8performance better than hot stamping and can be used as a replacement in industrialized production.		

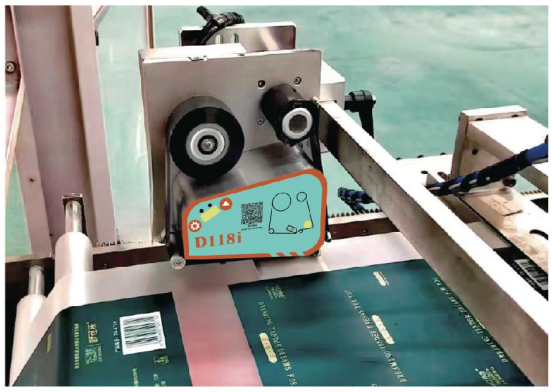
Technical Parameters

	D118i	
Print Head	24 mm, 200 dpi	32 mm, 200 dpi
Print Area	24 mm×15 mm	32 mm×15 mm
Print Frequency	Maximum 200 times/minute; 20 meters/minute	
Length of Ribbon	350 m	
Width of Ribbon	25 mm	33 mm
Print Features	Time, date, variables, text, etc.	
Operation	1. Multiple machines can share a common operating screen and support hot-swapping. 2. Can be integrated into packaging machines.	
Communication	USB, RS485	
Power Supply	AC90-264 V, 2 A, 50/60 Hz	
Power (output)	48 W	
Environmental requirements	Temperature: 0 – 40 Humidity: 10% to 90%, non-condensing	
Compressed Air Requirements	NO	
Weight	Printer Unit:2.1 kg, Controller: 0.48 kg	
Dimensions	Printer Unit: 158×149×114 mm Controller: 210×135×36 mm	

Consumables TTO Ribbons

Series	Grade	Features
DP	Advanced Tier TTR Wax/Resin Base	Special for paper and label material.
DG	Advanced Tier TTR Wax/Resin Base	Good Adhesion; Anti-Scratching, Anti-Taping
DC	Elite Tier TTR Enhanced Wax/Resin Base	Better Adhesion; Anti-Scratching, General Purpose Ribbon
DT	Premium Tier TTR Resin Base	Excellent Adhesion; High Temperature Resistance.
DN	Extraordinary Tier TTR High Resistance Resin Base	Excellent Adhesion with Special Resistance Available for high temperature, boiling, low temperature, chemical, etc.

Real Picture



Dimension: (mm)

