DIKAI CODING

D03S & D05S Thermal Transfer Overprinter

Designed for message coding on flexible packaging, D Series TTO delivers high-quality printing, covering most coding and marking applications in food & beverage, pharmaceutical, cosmetics, agricultural, paper industries etc.

Enhance Brand
- 300 dpi resolution, ensures superior print quality, good contrast and high adhesion prints to avoid complaints and unexpected cost.

Improve Efficiency
- Print real time, date and lot number; work files can be changed easily; max. 600m ribbon length reduces machine downtime; user-friendly UI and operation; intelligible message design tool; reduce total ownership cost.

Reduce Cost
- 32 mm & 53 mm print head, able to accommodate 22~55mmwidth ribbon, suitable for different applications; min. 0.5 mm print gap.

Protect Channels
- Traceable QR code and barcode, serial numbers, GS1 can be designed with DIKAI ProMark software, ensuring users to trace their products, prevent counterfeit and protect distribution channels.

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Technical Parameter

Model	D03S	D05S
Printing Modes	Intermittent & Continuous modes combined	
Left Hand / Right Hand	Left hand & right hand changeable	
Printhead	32 mm, 300 dpi	53 mm, 300 dpi
Print Speed*	Max. 700 mm/s	
Print Frequency*	Max. 350 ppm	
Print Area**	I: 32 mm×60 mm C: 32 mm×150 mm	I: 53 mm×75 mm C: 53 mm×150 mm
Ribbon Length	Max. 600 m	
Ribbon Width	25 mm - 33 mm	25 mm - 55 mm
Min. Gap Between Prints	0.5 mm	
Print Features	Real Date/Time, Text, Barcode, QR Code, GS1, Logo, Counter (Serial No.), Shift Code, Database Support, Loop Printing	
Controller	7-inch touch screen, multi-languages support	
Communications	USB, Ethernet, RS232	
Input/Output	Input: PLC (NPN/PNP) Output: Printing, Alarm, Error	
Power Supply	AC100 – 240 V, 50 – 60 Hz	
Air Supply	Max. 6 bar/90 psi, dry, uncontaminated	
Operation Environment	Temperature: 0 – 40 ℃ Humidity: 10% to 90%, non-condensing	
Dimensions	Printer Unit: 190×192×180 mm Controller: 233×180×128 mm	Printer Unit: 210×210×180 mm Controller: 233×180×128 mm
Weight	Printer Unit: 8.5 kg Controller: 2.0 kg	Printer Unit: 9.5 kg Controller: 2.0 kg

* Print information, substrates, and environment dependent.
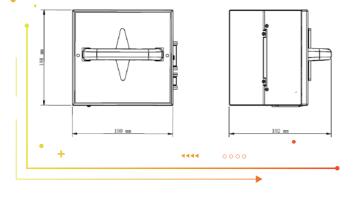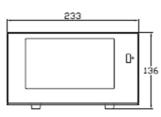** I – Intermittent mode; C – Continuous mode.

Consumables

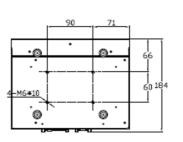| Series	Grade	Features
DG	Advanced Tier TTR Wax/Resin Base	Good Adhesion; Anti-Scratching, Anti-Taping.
DC	Elite Tier TTR Enhanced Wax/Resin Base	Better Adhesion; Anti-Scratching, General Purpose Ribbon.
DT	Premium Tier TTR Resin Base	Excellent Adhesion; High Temperature Resistance.
DN	Extraordinary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

*Ribbon Color: Black, White, Red, Blue, Green, Brown, Silver, and Gold; Length Optional: 450 m, 500 m, 600 m, etc.

Dimension: (mm)