

**Wi-Fi Connection APP Wireless Control
Calculate printing cost in Real time**



**QUICK AND EASY PRINTING IN
HIGH RESOLUTION**

HEAD PRINT
From 1mm to 12.7mm

UNIFORM PRINT
Does not require an encoder for a perfect marking

SMARTER SYSTEM

Intelligent embedded FreeRtos system.

Efficient and flexible variable database functions to meet various application requirement traceability

Embedded powerful drop consumption of specific algorithms that instantly calculate printing costs for the customer

DYNAMIC TRACEABILITY DATABASE HIGH SPEED PRINTING SOLUTION

Built-in new integration hidden encoder

Comfortable handle with ergonomic desing

Product with powerfull customization features

1 - 5 level grayscale adjustable, easy to black

EASY PRINTING AT LOW COST



THE ONLY MANUFACTURER TO OFFER

TECHNICAL SPECIFICATIONS PRINTER HAND TIJ 2.5 WIFI

K112MW



MACHINE PARAMETERS

Operation system	FreeRtos system
Display Screen	4.3 inch color display
The main hardware	NXP RT1052MCU
External Interface	TYPE-C, USB
Communication Module	Wi-Fi module (Wireless controled bymobile APP)
Nozzle installation	Built-in integrated sprinkler head (including built-in hidden encoder)
Supported languages	Chinese / English (Support customization of multiple languages)
Power parameters	100-240V AC input; 5V DC, 2A output
Battery parameters	7.2V / 2600mAh Lithium battery pack (Built-in Lithium battery)
Machine materials	ABS UV
Machine specifications	189.6mm * 136.6mm * 93.4mm
Working environment	Temperature 0-45°C / humidity 30-70%Rh



**Military-level electronics
in state solid**

NOZZLE PARAMETERS

Nozzle Type	Thermal foamable head TIJ 2.5
Printing accuracy	Vertical optional: 100 DPI, 150 DPI, Horizontal optiona: 10-2400 Dpi precision adjusment
Printing Height	The minimum print 1mm, máximum print 12,7mm
Printing lines	Can print any lines in the printing height range
Printing content	Text / time / date / Images / database / serial number Barcode type: CODE128, CODE39, EAN13, UPCA, UPCE; QR code type:QRCode, DataMatrix
Printing material	Cardboard / plastic / metal / plate / pipe / Stone / cable / electronic componets / auto parts / industrial chemical packaging / pharmaceutical food gift boxes
Ink type	Food-grade ink Aqueous/solvent ink and 42ml cartridge
Ink color	Black / White / red / yellow / blue / green / stealth / UV
Cartridge Chip	Contactless chip RFID tags, automatic identification and recording ink of the ink remaining parameters



Packing cardboard



Medicine



Forniture and wood



Food packaging



PET plastic



Dynamic trace QR code



Dynamic security lable



Security UV ink



Porous materials



Crystal



**Printers for marking and industrial coding.
Cartridges with TIJ 2.5 technology**

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