

MoTix 1H

High Resolution Handheld Printer



Key Features

- ✓ **Built-in barcode scanner** with **WiFi connectivity** for seamless data capture and printing.
- ✓ Linux-based platform for fast and flexible customization.
- ✓ Ergonomic design for comfortable and efficient use.
- ✓ 6.5-inch HD touchscreen for easy operation and real-time control.
- ✓ Extended battery life of **≥10 hours** for continuous operation.
- ✓ **Industrial-grade anti-interference** ($\pm 8\text{KV}$ static, $\pm 2\text{KV}$ fast pulse burst) for reliable performance in demanding environments.



Parameters

Technology	HP TIJ 2.5 Thermal Inkjet Technology
Resolution	Vertical: 600 DPI; Horizontal: 40-1200 DPI
Protocol	Supports external communication protocols such as HTTP, TCP, Modbus-TCP
Screen	6.5 inches touch screen , 800*480 resolution capacitive touch screen
Dimensions	(H*W*D): 231.5*55.7*177mm (Two wheels plate)
	(H*W*D): 231.5*83.3*177mm (Four wheels plate)
Language	Chinese, English, Arabic, Spanish, French,Korean, Japanese, Portuguese, Russian,Others upon request
Keyboard	Chinese, English, Arabic, Spanish, French,Korean, Japanese, Portuguese, Russian,Others upon request
Counter	Ordinary counter, the carry bit source can be set flexibly
Printing Height	1~12.7mm
Supported Barcode	Codebar, Code25, Code39, Code93, Code128, UPCA, UPCE, EAN, ITF14
	QR Code (GSI supported), Data Matrix (GSI supported), Grid Matrix, Maxicode, PDF417, Hanxin
Interface	USB interface 2.0
Ink Management	Recognize the ink type and choose the most suitable parameters automatically
	Only original HP cartridges are supported; Automatic measurement system for ink consumption.
Environment Requirements	Operating environment: -10°C-- +55°C; 10%-85%RH
	Storage environment: -20°C-- +70°C; 10%-90%RH
Battery	Quantity: 4 pcs standard rechargeable batteries with large capacity (2200mAh)
	Voltage: 13.6-16.8V Working hours: About 10 hours
Certification	CE, FCC

Product photos



(Scan version)



(suitcase)



MoEco 4000

High Resolution Inkjet Printer



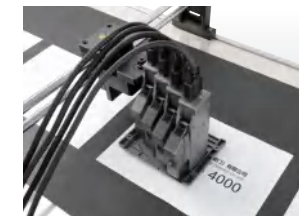
Key Features

- ✓ Developed on a Linux platform with **industrial-grade anti-interference design** (anti-static interference up to $\pm 8\text{KV}$, fast transient burst interference up to $\pm 2\text{KV}$).
- ✓ Innovative introduction of adaptive temperature control for ink cartridges, ink energy control, residual heat management, and adaptive uniform/variable speed encoding algorithms.
- ✓ Printing speed **up to 100m/min** (300*300 DPI).
- ✓ Flexible horizontal DPI settings (40-1200 DPI).
- ✓ Alternating nozzle operation for improved print quality and extended nozzle lifespan.
- ✓ Stable and reliable high-speed communication integration, supporting rapid function customization services.

Parameters

Technology	HP TIJ 2.5 Thermal Inkjet Technology
Resolution	Vertical: 600 DPI; Horizontal: 40-1200 DPI. (Single head)
Protocol	Supports external communication protocols such as HTTP, TCP, RS232/485, Modbus-TCP/Modbus-RTU
Screen	7 inches color capacitive touch screen
Dimensions	Controller: 211*125*43mm Print head: 156*49*93mm
Language	Chinese, English, Arabic, Spanish, French, Korean, Japanese, Portuguese, Russian, Others upon request
Keyboard	Chinese, English, Arabic, Spanish, French, Korean, Japanese, Portuguese, Russian, Others upon request
Counter	Ordinary counter, the carry bit source can be set flexibly
Printing Height	1~50.8mm (Four printheads, free combination)
Printing Speed	Up to 100m/min (Fast dry cartridges)
Printing Performance	The printing frequency of QR code printing up to 50pcs/sec.
Supported Barcode	Codebar, Code25, Code39, Code93, Code128, UPCA, UPCE, EAN, ITF14 QR Code (GSI supported), Data Matrix (GSI supported), Grid Matrix, Maxicode, PDF417, Hanxin
Date Format	The date format can be set flexibly
Interface	Ethernet interface*1
	USB interface*1 (USB flash drive, scanner and auxiliary communication equipment)
	DVI interface: connect to cable box or extended cable box
	Cable box interface: alarm kit, photocell, encoder, I/O (2 inputs 2 outputs), RS232
	Extended Cable box interface: alarm kit, photocell, encoder, I/O (6 inputs 5 outputs), RS485
Ink Management	DC interface: power cable
	DB15 interface: connect with printhead *4
	Recognize the ink type and choose the most suitable parameters automatically
Set up	Only original HP cartridges are supported; Automatic measurement system for ink consumption.
Environment Requirements	Equipped with standard side printing/down printing bracket. Optional Spring-back mechanism.
Input Power	Operating environment: -10°C ~ $+55^{\circ}\text{C}$; Storage environment: -20°C ~ $+70^{\circ}\text{C}$;
Output Power	AC 100-240V/50-60Hz
Certification	24.0V 4A, 96.0W CE, FCC

Product photos



MoEco 2000

High Resolution Inkjet Printer



Key Features

- ✓ Developed on a Linux platform with **industrial-grade anti-interference design** (anti-static interference up to $\pm 8\text{KV}$, fast transient burst interference up to $\pm 2\text{KV}$).
- ✓ Innovative introduction of adaptive temperature control for ink cartridges, ink energy control, residual heat management, and adaptive uniform/variable speed encoding algorithms.
- ✓ Printing speed **up to 100m/min** (300*300 DPI).
- ✓ Flexible horizontal DPI settings (40-1200 DPI).
- ✓ Alternating nozzle operation for improved print quality and extended nozzle lifespan.
- ✓ Stable and reliable high-speed communication integration, supporting rapid function customization services.

Parameters

Technology	HP TIJ 2.5 Thermal Inkjet Technology
Resolution	Vertical: 600 dpi; Horizontal: 40-1200 dpi. (Single head)
Protocol	Supports external communication protocols such as HTTP, TCP, RS232/485, Modbus-TCP/Modbus-RTU
Screen	7 inches color capacitive touch screen
Dimensions	Controller: 207*134*34mm Print head: 156*49*93mm
Language	Chinese, English, Arabic, Spanish, French, Korean, Japanese, Portuguese, Russian, Others upon request
Keyboard	Chinese, English, Arabic, Spanish, French, Korean, Japanese, Portuguese, Russian, Others upon request
Counter	Ordinary counter, the carry bit source can be set flexibly
Printing Height	1~25.4mm (Two printheads, free combination)
Printing Speed	Up to 100m/min (Fast dry cartridges)
Printing Performance	The printing frequency of QR code printing up to 50pcs/sec.
Supported Barcode	Codebar, Code25, Code39, Code93, Code128, UPCA, UPCE, EAN, ITF14 QR Code (GSI supported), Data Matrix (GSI supported), Grid Matrix, Maxicode, PDF417, Hanxin
Date Format	The date format can be set flexibly
Interface	Ethernet interface*1 USB interface*1 (USB flash drive, scanner and auxiliary communication equipment) DVI interface: connect to cable box or extended cable box Cable box interface: alarm kit, photocell, encoder, I/O (2 inputs 2 outputs), RS232 Extended Cable box interface: alarm kit, photocell, encoder, I/O (6 inputs 5 outputs), RS485 DC interface: power cable DB15 interface: connect with printhead *2
Ink Management	Recognize the ink type and choose the most suitable parameters automatically Only original HP cartridges are supported; Automatic measurement system for ink consumption.
Set up	Equipped with standard side printing/down printing bracket. Optional Spring-back mechanism.
Environment Requirements	Operating environment: -10°C -- $+55^{\circ}\text{C}$; Storage environment: -20°C -- $+70^{\circ}\text{C}$;
Input Power	AC 100-240V/50-60Hz
Output Power	24.0V 4A, 96.0W
Certification	CE, FCC

Product photos

