

High-performance industrial label printer

iK4 is an industrial-grade printer that combines reliability, ease of use and precise printing of high-resolution labels.

With a 5-inch touchscreen, a robust metal casing, and a foldable design that allows you to work in confined spaces, the iK4 meets the requirements of the most demanding users.

Ideal for heavy-duty use in industrial environments that require a robust and versatile tool for professional label printing.



- Metal mechanism and housing with large window
- 5-inch color LCD touchscreen
- Head resolutions of 300dpi and 600 dpi
- Fast 32 bit processor, large 1GB SDRAM and 2GB Flash memory.
- Very fast print speed of 10 ips
- Available interfaces: USB, USB host, Ethernet, RS232(9-pin) serial port, parallel port, Bluetooth, WiFi, GPIO



TT

Thermal Transfer



300/600 dpi

Resolution



10 ips

Printing Speed



4" (104 mm)

Printing Width



5 inch

Colour Display



RTC

Real Time Clock



The iK4 high-performance label printer is one of the best industrial-grade devices on the market, designed for very demanding working conditions.



- Industrial production: precise printing of permanent markings of components, semi-finished products and final products, fast and error-free labeling of elements on production lines.
- Automotive: Precise printing of labels for components, spare parts and sub-assemblies.



- Pharmaceutical and chemical industry: printing labels with fine details for bottles, ampoules and other small product packaging.
- Electronics: printing of fine and permanent markings of electronic components
- Warehousing and logistics: printing of robust logistics and identification markings.



The precise printing mechanism allows you to print labels up to 3 mm high using a 600 dpi head resolution.



The large 5-inch touchscreen is one of the main advantages of the iK4 printer, which allows for intuitive operation and quick configuration of the device. A fast 32-bit processor and an exceptionally large 1GB SDRAM and 2GB Flash memory ensure smooth processing of data sent to the printer.



The printer is extremely durable thanks to its robust metal construction, and the unique folding casing allows for easy label changes in narrow and cramped workstations.

TECHNICAL DATA

Model	iK4	
Printing	Printing Method	Direct Thermal / Thermal Transfer
	Resolution	300 dpi / 600 dpi
	Max. Printing Speed	10 ips (300 dpi) / 6 ips (600 dpi)
	Max. Printing Width	106 mm
	Max. Printing Length	2540 mm (300 dpi) / 762mm (600 dpi)
	Programming Language	ZPL, EPL, DPL, TSPL
Media	Media Type	Continuous Paper, Gap, Black Mark, Punched Hole Label
	Width	20 mm - 114 mm include the liner
	Thickness	80 um ~ 250 um
	Label Roll Diameter	203 mm
	Core Diameter	3" (76mm)
Barcodes	1D	Code 39, Code 93, EAN 8/13 (add on 2 & 5), UPC A/E (add on 2 & 5), I 2 of 5 & I 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (subset A, B, C), EAN 128, RPS 128, UCC 128, UCC/EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FIM, GS1 DataBar, German Post Code, Planet 11 & 13 digit, Japanese Postnet, I 2 of 5 with human readable check digit, Standard 2 of 5, Industrial 2 of 5, Logmars, Code 11, Code 49
	2D	PDF417, Data matrix code, Maxi Code, QR code, Micro PDF417, Micro QR code, Aztec code
Detection	Gap label sensor	See-through sensor
	Black mark sensor	Reflective Sensor
	Other	Ribbon End Detect, Paper Out Detect, TPH Over Heating Detect, Cover Opening Sensor
Interfaces	Standard	USB, Serial port, Ethernet, USB Host (Front), Bluetooth
	Optional	Parallel, WiFi, Support UHF RFID extension, GPIO port
Memory	RAM	1GB
	Flash	2GB
Control Panel		5" Touch Display
Power Supply	Input	AC 100~240V, 50/60Hz
	Output	DC 24V, 2,5 A
Environment	Operation	5°C to 40°C, humidity 25% to 85% non-condensing
	Storage	-20 °C to 50°C, humidity 10% to 90% non-condensing
Dimension(L*H*W)		498 x 273 x 400 mm
Weight		20,5 kg
Warranty	Printer	12 months
	Printhead	6 months