

K150IP

TOTAL IP PROTECTION



Suitable for all types of environments, dusty and wet corrosives

HEAD PRINTING

From 1 mm to 25.4 mm, 1 head From 1 mm to 50.8 mm, 2 heads

EASY TO USE7" touch screen with intuitive WYSIWYG interface for easy operation and programming

INDUSTRIAL HARDWARE

The use of American TI's AM3358 industrial grade CPU and Xilinx Spant6 industrial grade FPGA results in a more stable, reliable and interference-proof system in various conditions, making printing a unique experience.

The print engine uses a dedicated TIJ ASIC chip, a perfect match for a variety of Original and licensed HP inks.

The patented professional cartridge pre-heating algorithm ensures optimum print quality in extreme environments and high and low temperatures.

MORE POWERFUL SOFTWARE

EThe intelligent integrated Linux operating system provides a professional and more user-friendly interface.

It incorporates a powerful integrated droplet consumption algorithm that allows instantaneous calculation of the cost per print.

Powerful variable 2D code functions to meet today's growing customer demand, under GS1

Efficient and flexible variable database functions to meet the requirements of various applications for product traceability, incorporates connection to ERP

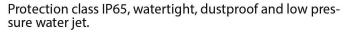
TECHNICAL SPECIFICATIONS PRINTER TIJ 2.5

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Printer with filter for voltage, parasites and harmonics



Military-level electronics in state solid



The head and the control unit are completely protected, prepared for the most hostile environments.

The inclined design of the operating panel makes it easy to see and operate, and prevents the accumulation of drops.

The print head adopts a flip-top protective cover structure, which facilitates the operation of replacing the ink cartridge

Rugged, high-strength, rustproof and corrosion-resistant stainless steel housing.

Several configurations are possible: one head, two independent heads or two heads together.

Prepared for the most aggressive and diverse scenarios.



HEAD

Distance: From 2mm to 5mm **Speed:** 120m/min at 300DPI

Resolution: 150DPI / 300DPI / 600DPI

Head: Thermal head TIJ2.5

Imp. height: Minimum 1mm / Maximum 50.8 mm

Ink type: Water-based, Solvent-based, Uv in 42ml cartridges Ink colour: Black, white, red, yellow, blue, green, invisible UV

Cartridge chip: RFID tag for automotive identification of ink type and consumption

Substrates Cardboard, plastic, metal, wood, ceramics, food industry, chemical and pharmaceutical industry, glass, etc.

Print: Multi-language texts, bar codes, 2D codes, images, numbers, counters, dates, variable fields

PRINTER

Structure: Industrial stainless steel

Operating system: Integrated operating system

Com ports: USB / RJ-45 to RS232

Atmosphere: Max 45°C / Humidity up to 85% RH

Hardware: American TI Am3358 Industrial Grade CPU / FPGAUSA Xilinx Spant6 Industrial

Grade / TIJ dedicated ASIC chip

Languages: Spanish, Italian, French, Finnish, German, Norwegian, Portuguese, Japanese **Interfaces:** Photocell, Encoder, External control, inverse-reverse Alarm output, External

data selection, BCD, ERP.

Power supply: Input 100 – 240 V AC 50-60 HZ / Output 24 V DC 6.5 Amp.

Dimensions: Controller 384.5mm*317mm*183mm / Head assembly 173*107*94mm





Packing cardboard



Medicine



Forniture and wood



Food packaging



PET plastic



Security UV ink Dynamic trace QR code

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Printers for marking and industrial coding.

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