

INK SERVICE S.r.l.
 Sede Legale e Operativa:
 Via Inferiore Riomaggiore, 16M-16N
 16138 GENOVA MOLASSANA (GE)-Italy

www.inkservicesrl.com



T 210i – M Online TIJ Printer

7”inches Color industrial touch screen, 20 Supported operational languages, 120metres/min/300DPI printing speed, Industrial Stainless steel body and supported by a WYSIWYG editing information for easier operation and onboard instant cost per print calculator.

◆ more professional

The print engine uses TIJ dedicated ASIC chips, a perfect match for a variety of original and licenced HP Inks.
 Professional Cartridge preheat algorithm to ensure optimum print quality at high and low temperatures and environments.

◆ more reliable

Use of American TI's Am3358 industrial-grade CPU, Xilinx Spant6 industrial-grade FPGA.
 More stable, reliable and anti-interferences in various conditions rendering the print a unique experience.

◆ more practical

Powerful variable functions of the 2-Dimensional code to meet the today growing customer demand.
 Efficient and flexible variable database function to meet various applications requirements for products traceability.

◆ smarter

Intelligent embedded linux operating system, provide professional and more user friendly interface.
 Embedded powerful drop consumption algorithms that allow instantly to calculate the cost per print.

Technical Parameters

Printing Head	Nozzle Type	The mally foamable head TIJ2.5
	Print accuracy	150 DPI / 300 DPI / 600 DPI
	Print height	Minimum 1 mm / Maximum 25.4mm
	Print Speed	120metres / min at 300DPI
	Print distance	Best Printing distance 2-5mm
	Print content	Multi-language Characters / dynamic two-dimensional code / barcode / images / serial numbers / date / counters / variable dynamic database / Rs232 receive real-time data to print
	Printable Substrates	Cardboard / plastic / metal / stones / cables / electronic components / auto parts / industrial chemical packaging / pharmaceutical and more ...
	Ink Type	Aqueous / Solvent 42ml Cartridges CIS S
	Ink Color	Black / White / Red / Yellow / Blue / Green / Stealth / UV
Cartridge chip	Contactless chip RFID tags, automatic identification and recording ink parameters and consumption	

Machine	Operating System	Embedded operating system
	Main Hardware	American TI Am3358 industrial-grade CPU / USA Xilinx Spant6 industrial-grade FPGA / TIJ dedicated ASIC chip
	Communication Interface	Network interface / USB / RS 232
	External Interface	Photocell / Encoder / Reverse Inverse control / Alarm output / Serial Number Output / Serial Number External Reset / Update Serial Number / external data selection / individual heads selection / Nozzle stitching operation to increase print height
	Supported Languages	Multi-languages (English / Italian / French / Finnish / Chinese / Arabic / Danish / German / Russian / Korean / Norwegian / Portuguese / Spanish / Japanese etc ...)
	Power Supply	100 - 240V AC 50-60Hz input / 30V 4ADC output
	Body Material	Industrial Stainless steel
	Dimension	Controller 202mm*119mm*61.2mm / Head Holster 112mm*79mm*103mm
	Working Environment	Max Temperature 0- 55 Degree C / humidity 30-70% Rh