

T280

IP65 reliable protection printing system



- ◆ Anti-counterfeiting trace data printing
- ◆ Calculate printing costs in real time
- ◆ Network remote centralized management
- ◆ Production line alarm light control
- ◆ Wireless keyboard and mouse control
- ◆ GS1 International medicine monitor code
- ◆ Printing speed up to 240m/min

◆ More reliable and professional hardware

Use of the American TI's AM3358 Industrial Grade CPU, Xilinx Spant6 Industrial Grade FPGA. More stable, reliable and anti-interferences in various conditions rendering the printing a unique experience. The print engine uses TIJ dedicated ASIC chip, a perfect match for a variety of original and licensed HP Inks. Professional Cartridge preheat algorithm to ensure optimum print quality at high and low temperatures and environments.

◆ More powerful and smarter software

Intelligent embedded Linux operating system provides a professional and more user friendly interface. Embedded powerful drop consumption algorithm that allow instant calculation of cost per print. Powerful variable functions of the 2D Code to meet the today growing customers' demand. Efficient and flexible variable database functions to meet various applications requirements for product traceability.

Codpad

Professional TIJ inkjet printer manufacturer
Dynamic traceability database high speed printing solution
OEM ODM SDK ONE-STOP SERVICE

- ◆ IP65 protection grade, airtight, comprehensive dust-proof and low-pressure jet water has no influence
- ◆ Overall control body and sprinkler are protected as a whole, which can work stably in harsh environments
- ◆ Inclined design of the operation panel prevents the residual water droplets from affecting the sensitivity
- ◆ Print head adopts a flip-type protective cover structure, which is convenient to replace the ink cartridge
- ◆ Rugged stainless steel shell, high strength, oxidation resistance and corrosion resistance
- ◆ Optional double print heads seamless splicing, and double print heads independent installation
- ◆ A variety of matching brackets, different installation ways, adapt to various scenarios



Technical Parameters

Printing Head	Print Distance	2mm to 5mm
	Print Speed	120m/min at 300DPI
	Print Accuracy	150DPI / 300DPI / 600DPI
	Nozzle Type	Thermally Foamable Head TIJ2.5
	Print Height	Minimum 1mm / Maximum 25.4mm
	Ink Type	Aqueous or Solvent based 42ml Cartridges CISS
	Ink Color	Black, White, Red, Yellow, Blue, Green, Stealth, UV readable
	Cartridge Chip	Contactless RFID tags for automatic identification and recording ink parameters and consumptions
Printable Substrates	Cardboard, Plastic, Metal, Cables, Electronic components, Auto Parts, Industrial Chemical packaging, Pharmaceuticals and more	
Print Contents	Multi language Characters, 2D Code, Barcodes, Images, Serial Numbers, Date, Counters, Variable Database, RS232 to receive real data to print	
Machine	Body Material	Industrial Stainless steel
	Operating System	Embedded Operating System
	Communication Interface	Network Interface USB/RJ45 to RS-232
	Working Environment	Max Temp 45 °C / Humidity 30 to 70% RH
	Power Supply	100 ~ 240Volts AC 50~60Hz input / 24Volts 6.5Amps DC output
	Dimension	Controller 384.5mm * 317mm * 183.5mm / Head Holster 173mm * 107mm * 94mm
	Main Hardware	American TI AM3358 industrial grade CPU/USA Xilinx Spant6 industrial grade FPGA / TIJ dedicated ASIC chip
	Supported Languages	Italian, English, French, Finnish, Arabic, Danish, German, Russian, Norwegian, Portuguese, Spanish, Japanese...
External Interface	Photocell, Encoder, External Reverse/Inverse control, Alarm outputs, Serial Number external Reset, External data Selection	



Packing carton



Medicine



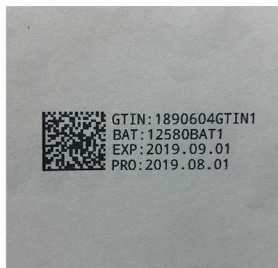
Furniture and wood



Food packaging



PET plastics



GS1 Data Matrix



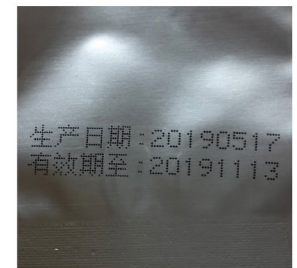
Dynamic security barcode



Multi- group printing



HD bold font



Multi-dot font

Codpad

Guangzhou Codpad e-tech Company Limited

TEL: (+86)20-81631033

E-mail: service@docod.com.cn

Fax number: (+86)20-81631033

Web: www.codpad.com

Add: Room 302, Building 3, NO.9, Hejing Road, LiWan District, Guangzhou, China