CPX4 Series

Colorize Your Business, Expand Your Vision

Applications

Office & School
- Name sticker
- ID badge

Food & Beverage
- Fresh/raw food label
- Nutrition facts label

Entertainment
- Event pass
- Admission/ticketing

Healthcare
- Medication instruction
- Prescription bottle label

Manufacturing
- GHS-Compliant/chemical

Logistics
- Shipping label

SMBs
- Wine label
- Agricultural products
- Gift voucher/greeting card
- Labels for special occasions

Retail
- Product label
- Self-edge/ promotional/ markdown label

CPX4 Series, consisting of CPX4P and CPX4D, is an advanced digital label printing solution, allowing for customized label design using pigment or dye based inks with astonishing resolution quality at industry leading speed.

With the benefits of digital label printing, TSC CPX4 Series is capable of producing short-run label widths of 1" (25.4 mm) up to 4.72" (120 mm) with variable data more cost-effectively compared to pre-printed labels. The CPX4 Series makes it easy to create and print out multiple label designs with vibrant color in less time. With the TSC Color Management program, colors are printed accurately and at a resolution of 1200 x 1200 dpi, images, barcodes, and text are always clear.

The CPX4 Series is a perfect fit for any and all applications to meet the constant influx of new market demands for clear, high quality labels. It's the hassle-free solution for businesses that want flexibility for creating labels without compromising quality and time. And with a one year warranty, TSC provides all around support from our dedicated team.

Why Digital Printing Matters?

Compared with Pre-Printed market, Digital printing has an astonishing growth rate per year. Digital printing brings considerable benefits for businesses:

Enhanced Branding

- Full color and customized label designs stand out from the crowd
- Easily deliver unique marketing message for brand loyalty
- Create up to date, fresh, eye-catching visual labels

High Efficiency

- Demand sensing and quickly produce labels to meet tight deadlines
- Eliminate the wait for ordering, lead-time, and shipment. Quick response!
- Save time by not having to change different pre-printed rolls

Absolute Flexibility

- Easily print multiple designs and what you need is blank labels
- Manageable print capacity on premise/in house
- No need to worry about MOQ, print on an as-needed basis

Clear Visibility

- Reduce risk of printing errors on wrong label stock
- Improve business process and workflows with organized color coding

No More Waste/Cost

- Reduce the cost of over-printing, inventory, and waste
- Eliminate pre-printed label stock holding cost

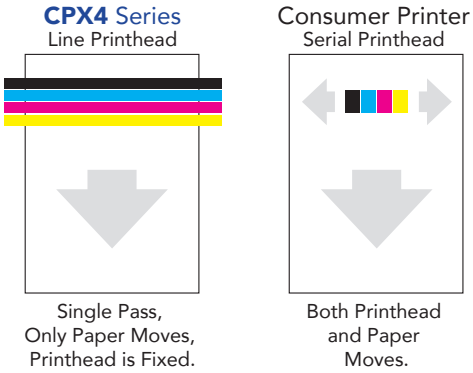
Great Versatility

- Variable data printing enables customized styles and a personal touch
- Easily meet a variety of label needs in market sectors

Key Features & Highlights

Outstanding Speed

- Line printhead architecture enables Industry-leading print speed of up to 11.8 ips



Extreme Flexibility

- The adjustable media is capable of printing small labels 25.4 mm (width) x 6 mm (length)
- Variable data capability to support custom label designs in house and in less time

1" Custom Label

Name Sticker

Essence Oil Bottle Label

Comprehensive Service

- TSC Color Management Program - Color Matching, allows for colors that are clear and accurate
- All-in-one Warranty Program, Cost Calculation Service and Built-in Bartender UltraLite software included

Exceptional Quality

- Excellent resolution of 1200 x 1200 dpi in vivid color, crisp image and sharp text
- High quality ink sustains its performance properly over time

Absolute Cost-Effectiveness

- Digital label printing save more money, without waste and obsolescence
- High yield ink cartridges mean fewer change outs

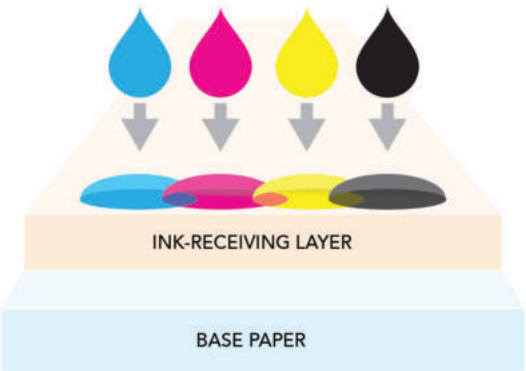
Industy Compliance

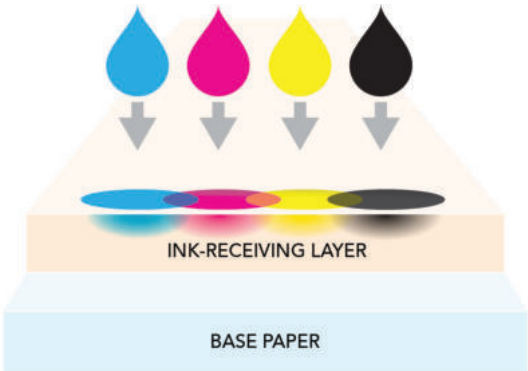
- Capable of delivering GHS-Compliant label and fulfill industry requirements with water, fade, abrasion, and smudge resistant for long-term durability

Original		
Media & Ink	**Unqualified**	**Qualified (CPX4P)**
GHS-Compliant (BS5609)		
Abrasion-Resistant		
Alcohol-Resistant		

What is the Right Ink Type for Your Application?

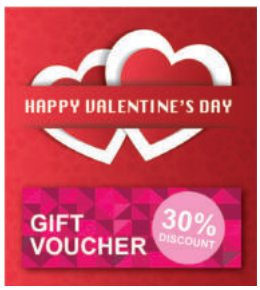
Pigment-based ink: CPX4P –VS– **Dye-based ink: CPX4D**





- Powdery substances not dissolved in liquid
- More UV-resistant and fade-resistant
- Best fit for applications demanding longevity and long-term durability

- Water-based substance that is water soluble
- More vivid, vibrant color and broad color range
- Perfect choice for those applications requiring design/ graphs with brilliant color



CPX4 SERIES – Color Label Printer

PRINTER MODEL	CPX4D	CPX4P
Ink type	Dye Ink	Pigment Ink
Max. resolution	1200 x 1200 dpi	
Max. print speed	300 mm (11.8")/second at 1200 x 600 dpi	
Max. print width	106 mm (4.17")	
Max. print length	397 mm (15.63")	
Physical dimension	386 mm (W) x 394 mm (H) x 570 mm (D) 15.20" (W) x 15.51" (H) x 22.44" (D)	
Weight	25.5 kg	
Label roll capacity	7.9" OD (200 mm), 3" ID (76 mm) core	
Ink capacity	240 ml each (230 ml usable); * Starter ink tank: 105 ml	
Ink color	CMYK	
Interface	• USB2.0 Hi-speed • Ethernet (Ethernet 1000BASE-T / 100BASE-TX / 10BASE-T)	
Power	Input: AC 100-240V, 1.5A, 50-60Hz, 233W	Input: AC 100V-240V 50/60Hz,1.4A, 250W
Indicator	• 8 LED indicators	
Operation switch, button	3 buttons (Pause, Feed, Back Feed)	
Media type	Roll-fed/fanfold, die cut; gap, black mark, continuous; matte paper, glossy paper, PET film, synthetic	
Media width	25.4 ~ 120 mm	
Media length	6 ~ 400 mm	
Media thickness	0.145 ~ 0.255 mm (5.71 ~ 10.04 mil)	
Media core diameter	76.2 mm (3")	
Environment condition	• Operation: 15°C ~ 30°C, 10% ~ 90% Relative Humidity (non-condensing) • Storage: 0°C ~ 35°C, 5% ~ 85% Relative Humidity (non-condensing)	
Operating systems	Windows 10/8.1/Win 7 SP1 (32/64 bit)	
Safety regulation	CE, FCC, UL	
Accessories	• Starter ink tank • Windows labeling software CD disk • Quick start guide • Power cord	
Warranty	1 year for printer (consumable excluded)	
Options	Auto cutter	

SUPPLIES – Media

MEDIA CODE	MEDIA TYPE	APPLICATION
IJP 100 Series	Matte Paper	Logistics, Entertainment, Retail
IJP 300 Series	Gloss Paper	
IJP 400 Series	Matte White BOPP	Healthcare, Food & Beverage, SMBs, Office & School
IJP 500 Series	Gloss White BOPP	
IJP 600 Series	Matte, Drum Label	Manufacturing - GHS Application

SUPPLIES – Ink

CPX4D	CPX4P
INK TANK CPX-DC	INK TANK CPX-PC
INK TANK CPX-DM	INK TANK CPX-PM
INK TANK CPX-DY	INK TANK CPX-PY
INK TANK CPX-DK	INK TANK CPX-PK

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