CP500
TOPPAN

Card Printer

The CP500 card printer is the world's only desktop 600dpi pigment ink retransfer card printing solution. The CP500 leverages GET Group's 25 years of proven experience in delivering highly secure passport and ID solutions for governments all over the globe with Toppan Printing Company's unparalleled innovative printing and security technology.

These days the same security challenges that governments have had for years are becoming increasingly important in commercial markets. In response to this, GET Group now brings to commercial buyers all the knowledge and experience that it has acquired in the most challenging security markets.

In a single desktop unit the innovative CP500 combines the surperior forensics of 600dpi pigment ink, the stunning print quality of retransfer technology and user-upgradeable features for personalization, to deliver the most secure card printing solution in the market today at a competitive cost.

Quality.
Security.
Simplicity.

Why the CP500?

600dpi Pigment Ink Technology

- Dot-by-dot pigment ink technology delivers the highest-resolution image printing in the world with the sharpest detail for easy point-of-use verification and authenticity protection.

- 600dpi allows for the printing of micro-text as an added security feature, which cannot be achieved by 300dpi printers.

- The CP500 produces cards with the greatest level of resistance to wear and UV fading in the market thus maintaining color and surface integrity over time.

Unique Retransfer Printing Technology

- The CP500 enables users to personalize contact, contactless, and magnetic stripe ID cards to reduce both cost and complexity.

- The CP500's edge-to-edge printing capabilities maximize visual appeal and create a tamper-evident seal to protect against image or data alteration.

- Users can incorporate holograms, barcodes, micro-text, and other features to enhance card security and resist counterfeit production.

Compact Size

The CP500 delivers industrial-grade printing power in a sleek desktop package. This allows for decentralized personalization right at the site of card issuance.

Fast

The CP500 personalizes in only 25 seconds per full color side saving time and increasing productivity.

User-Upgradeable Encoding Features

Easily installed on-site for user-directed customization, the CP500's encoding capabilities include contact, contactless and magnetic stripe.

Security of Consumable Supply Chain

Toppan's pigment inks are supplied exclusively to GET Group, therefore consumable quality and control is insured, bringing consistent print quality to users.
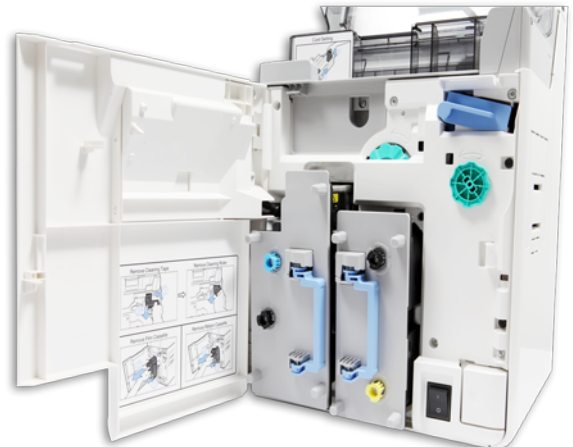
Standard USB 2.0 and Ethernet Connectivity

Multiple connectivity options are available as standard on the CP500 to ensure easy integration with any on-site IT solution.

Complete Integration with Existing Security Systems

www.ttsys.com

TRANSTECH SYSTEMS
IDENTIFYING SOLUTIONS

Technical Specs

CP500 Specifications Sheet

Standard Features

Print Method	Retransfer / Pigment Ink*
Resolution	600 dpi
Colors	Up to 16.7 Million Colors • Color: 256 steps (Image) • Monochrome (TEXT) • UV: 256 steps (Image)
Print Speed	Batch Mode: • 25 seconds per card / 144 cards per hour (CMYKP)* • 41 seconds per card / 87 cards per hour (CMYKPKP transfer)* • 16 seconds per card / 222 cards per hour (KP)*
Accepted Standard Card Sizes	CR-80 (85.6mm L x 54mm W), ISO 7810 Format, Type ID-1
Print Area	Edge-to-edge
Accepted Card Type	PVC, PET-G, PC, Teslin composite and laminated Kami Card with PVC or PET-G
Input Card Cartridge Capacit	Max 250 cards with optional locking mechhanism
Output Hopper Card Capacity	Max 250 cards
Card Cleaning	Replaceable cleaning roller
Memory Size	64 MB RAM
LCD Display	2 Line User-Friendly Control Panel
Print Mode	Single-Sided, Dual-Sided
Software Drivers	Windows® 2000 / XP / Server 2008 / Vista/ 7 (32 & 64 bit)
Connectivity	USB 2.0 (High Speed) and Ethernet
Operating Temperature	18° to 30° C
Operating Humidity	20 - 80% non-condensing
Supply Voltage	AC90-125V, 220-240V, 50/60Hz Autosensing single phase power - 100-240V AC
Physical Dimensions	W340 x D297 x H435 (mm) / W13.4 x D11.7 x H17.1 (in)
Weight	19.5 kg / 42.9 lb
Safety Standard	UL, CSA, CE-marking
Warranty	2 Years

www.ttsys.com

Print Media Options

Ribbon	5 Panel CMYKP prints 500 surfaces 7 Panel CMYKPKP prints 350 cards 7 Panel (with UV) CMYKUvPpl prints 350 surfaces 9 Panel CMYKPplKPpl prints 270 cards Custom ribbon configurations are available upon request
Retransfer Film	• Standard clear, 500 card surfaces • Custom holographic (registered, and non-registered wallpaper)

Options

Options	* Custom design hologram retransfer film (registered and wallpaper non-registered)
Encoding Options	* Magnetic stripe encoder ISO 7811, 3 tracks, HiCo/LoCo * Smart card contact encoding station ISO 7816 * MIFARE ISO 14443 (13.56 MHz) contactless and ISO 7816 contact encoder

* Pigment ink provides higher quality and durability of printed cards.

TransTech Systems
12142 NE Sky Lane Suite 130
Aurora, OR 97002
Tel: 888.843.3643   Fax: 503.682.0166
Email: sales@ttsys.com
Web: www.ttsys.com

TRANSTECH
SYSTEMS
IDENTIFYING SOLUTIONS