

ISG™ PEAK RTX1000 Retransfer Printer



The modular single or double-sided Peak RTX1000 Retransfer Printer was developed for industrial needs, thus it is provided with various optional modules such as bend remedy, flipper, and encoding modules. The Peak RTX1000 is ready for plug and play inline encoding and lamination. With its compact size, the printer delivers the right combination of reliability, performance and affordability for printing durable and secure cards. It almost achieves offset printing quality, even on uneven surface smart cards.

The RTX1000 prints on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate. The lockable, spacious card hopper stores up to 220 blank cards to secure an interrupt-free workflow. The user-friendly front-loading system with replaceable cartridges makes changing supplies fast and simple.

The printer is ready to meet your individual requirements and can be equipped according to the customer needs. Optional magnetic stripe, IC contact and smart card encoding is possible for further demands on card functionality. Extend the lifetime and security of your cards by joining the printer with the ISG Inline Lamination Module for single-sided lamination.

Diverse security features such as electronic security lock, Kensington-lock, dye-sublimation UV ink ribbon for invisible security printing, IPSEC for encrypted data transfer through networks, and Security Erase of black data on used supplies help to secure the environment and cards from counterfeiting and to avoid misuse of personal information.

The flexible way for smart card personalization

- Single or double-sided retransfer printer with various optional modules
- Modern, industrial design with very small footprint
- Electronic security locks to secure access to supplies and consumables
- Over-the-edge printing with glossy photo finish quality for great-looking cards with crisp, clear colors and flawless continuous tones
- Fast throughput of up to 120 cards per hour
- Highest ribbon capacity and detachable card hopper for easy handling and continuous operation
- Convenient and simple front-loading of supplies with color-coded cartridge system
- Heavy-duty ISG® Retransfer Film for long-lasting durable cards
- Lifetime printhead warranty (using ISG materials)
- Accessories compartment for cleaning kits and other accessories
- Optional single and double-sided lamination for more durability and security



Identification Systems Group

The ISG™ is a nationwide network of local experts in identification, security, and card personalization, providing high quality, cost effective solutions backed by local support and the strength of our Professional Services Certification program. Each company works together to provide seamless nationwide support and collaboration in the identification and card issuance industry.



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FEATURES

- Space saving internal installation of optional modules such as bend remedy, flipper, and encoding modules
- Electronic security locks (driver driven) for front door and card hopper for utmost security
- Printer Look-Up Tables and pre-selection of 5 different card type profiles
- Automatic ribbon detection and low ribbon warning
- Auto cleaning notification
- Removable cleaning roller unit for long-term usage and reliable, steady card cleaning
- Easy replacement of ink ribbons and Retransfer Film via front loading system
- Detachable card hopper for 220 cards
- Built-in operating panel with LCD for convenient set-up and operation
- Print head has no contact with card, minimizing risk of damage
- Accessories compartment for cleaning kits and other accessories
- Field upgradeable encoder options
- Intuitive, in-house developed printer driver for utmost user convenience and productivity
- USB 2.0 and Ethernet ports for easy connection with PC or network

SUPPLIES

- 4 Panel Color Ribbon (YMCK): 1,000 cards/ribbon
- 5 Panel Color Ribbon (YMCKK): 750 cards/ribbon
- 5 Panel UV Ribbon (YMCK-UV): 750 cards/ribbon (optional)
- 5 Panel Peel-Off Ribbon (YMCK-PO): 750 cards/ribbon (optional)
- ISG Retransfer Film: 1,000 cards/film

OPTIONS

- Bend remedy station
- Magnetic stripe encoding (HiCo and LoCo)
- Contact and contactless chip encoding (Mifare, DESFire, HID iCLASS, Legic, etc.)
- A variety of chip encoder plug-ins for Advanced CEF
- Inline lamination, single and double-sided

CONFIGURE YOUR CARD IDENTITY SYSTEM, ASK FOR:

- ISG Inline Lamination Module
- ISG Card Materials

SPECIFICATIONS OF RTX1000

Print Method	Dye-sublimation retransfer
Print Mode	Single or double-sided (optional) over-the-edge retransfer printing
Print Speed	Under 30 seconds per card (single-sided)
Print Resolution	300 dpi
Printhead	Lifetime warranty (using ISG materials)
Card Types	PVC, Composite PVC, ABS, PET, and Polycarbonate Cards of ISO ID-1/CR-80 size, 3.370" x 2.125"
Card Thickness	10 – 40 mil
Input Hopper Capacity	220 cards (30 mil) 620 cards (10 mil)
Output Hopper Capacity	115 cards (30 mil)
Interface	USB 2.0 and Ethernet
OSS	Win 8, Win7, XP, 2000
Printer Dimensions	13.5" x 12.6" x 14.7" (WxDxH)
Weight	30.6 lbs (excluding optional built-in items)
Power Supply	100/120 V and 220/240V, 50/60 Hz FCC, CE, UL, GOST-R, and CCC approved
Operating Environment	59°F to 86°C, 35% to 70% non-condensing humidity



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