



PEAK RTX6000 Retransfer ID Card Printer

The ISG™ PEAK RTX6000 is the most flexible ID printing system for secure, smart card personalization.

The PEAK RTX6000's most dominant feature is its high resolution 600 dpi printing which allows for printing crisp, tiny characters, down to a size of 0.75 points. Electronic fine-line printing and other sophisticated graphical elements, like UV, can be printed in a quality equal to litho preprinting.

The PEAK RTX6000 can also print on a wide 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 for a secure, uninterrupted workflow. The user-friendly, front-loading cartridge system makes changing supplies fast and simple.

Optional magnetic stripe, contact and contactless smart card encoders can be added for the ultimate in card functionality. Extend card lifetime and security by adding an Inline Lamination Module for single- or dual-side lamination. Diverse security features such as driver-based security lock, dye-sub UV ink ribbon, and more help to secure from counterfeiting or unauthorized printer use.

Key Features

- Single or double-side 600dpi retransfer printing
- Optional single or dual-side lamination modules
- Optional mag stripe, contact or contactless encoders
- Fast throughput of up to 120 cards per hour
- Electronic security locks for card and supply protection
- Accessories compartment for cleaning kit storage
- Lifetime printhead warranty



The ISG™ PEAK RTX6000 has been tested and approved for integration with all ISG solutions, including software and technology cards, and is supported by all ISG member dealers that serve across the USA and Canada.



Technical Specifications

| PEAK RTX6000 Printer | |
|----------------------|---|
| Print Method | Dye-sublimation retransfer |
| Print Resolution | 600 x 600 dpi |
| Print Area | Over-the_edge (CR80 cards only) |
| Print Mode | Dual side (standard configuration) |
| Print Speed | 120 cph (YMC single-side, batch) |
| Card Thickness | 10 mil - 40 mil (0.25 mm x 1.0 mm) |
| Card Types | PVC, PET, PET-G, ABS, PC |
| Input Hopper | 220 cards (30 mil thick average) |
| Output Hopper | 115 cards (30 mil thick average) |
| User Interface | Two-line LCD display with LED status indicator |
| Encoding Options | Magnetic stripe encoder ISO7811 Dual interface smart card encoder Optional contact chip encoder |
| Other Options | Single-side inline lamination module Dual-side inline lamination module Additional card input hoppers |

| PEAK RTX6000 Printer (continued) | |
|----------------------------------|--|
| Environment | Temperature 59°- 86° F (15°-30°C) Humidity 35-70% (non-condensing) |
| Power Supply | AC 100/120V, 220/240V, 50/60 Hz FCC, CE, UL, GOST-R & CCC approved |
| Communication | USB 2.0 & Ethernet |
| Software Drivers | Windows 7, 8, 10 (32 or 64 bit) |
| Weight | 30.6 lbs (13.88 kg) printer only |
| Dimensions | 13.5" W x 12.6" D x 14.7" H (343 mm x 320 mm x 373 mm) |
| Warranty | 3 years for printer & lifetime on the printhead subject to use of ISG approved media |

Your Local ISG Dealer



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About the ISG

The Identification Systems Group (ISG) is a nationwide network of local experts in identification, security, tracking and card personalization technologies, providing high quality, cost-effective solutions backed by local support and the strength of our Professional Services Certification program. Each member company works together to provide seamless support and collaboration in the identification and issuance industries across the USA and Canada.

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