



EDIsecure® XID 590ie Retransfer Printer

THE INDUSTRIAL CARD PRINTER FOR HIGH-VOLUME CARD PERSONALIZATION

- Advanced Intelligent Printer Management for high-capacity card production and flexibility on varying workloads
- Printer Password Protection to increase security at the production environment
- New security features: Dye-sublimation UV ink ribbon, IPSEC for encrypted data transfer through network, and Security Erase of black data on used supplies
- Double-sided printing on a variety of card materials (PVC, ABS, PET, Polycarbonate, etc.)
- Rugged, industrial design with compact shape for heavy-duty use
- Network ready with built-in Ethernet port
- Over-the-edge printing with EIP Enhanced Image Processing for great-looking cards with crisp, clear colors
- Convenient and simple front-loading system for supplies and cards
- Heavy-duty Retransfer Film for long-lasting, durable cards
- Ideal for printing and inline encoding of smart cards by using the Advanced Chip Encoding Framework
- Optional single- and double-sided lamination for more durability and security

The double-sided *EDIsecure*® XID 590ie Retransfer Printer is the most powerful and versatile printer in its class. The printer combines maximum hourly output of printed cards with a wide range of encoding and highly secure lamination options. It is the ideal and flexible printer for secure and reliable mass production in multinational corporations, card service centers, and government agencies.

The XID 590ie prints on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate. The spacious card drawer stores up to 300 blank cards to ensure an interruption-free workflow. The user-friendly front-loading system with replaceable cartridges for the color ribbon and Retransfer Film makes changing of supplies fast and simple.

With Advanced Intelligent Printer Management (IPM) up to seven printers can be connected to one server for high capacity production of up to 840 cards per hour. Due to the parallel workflow, an unrivalled level of system availability is achieved. Print jobs and the accompanying encoding data are routed securely to the correct printer, even in a distributed network environment.

New security features such as dye-sublimation UV ink ribbon for invisible security printing, IPSEC for encrypted data transfer through network, 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 XID 590ie is prepared for any type and combination of encoding as well as lamination for demanding applications.



THERE IS ONE FOR EVERYBODY



FEATURES:

- Advanced Intelligent Printer Management (IPM)
- Printer Password Protection
- EIP Enhanced Image Processing for utmost quality
- Printer Look-Up Tables and pre-selection of 5 different card type profiles
- Automatic ribbon detection and low ribbon warning
- Auto cleaning notification
- Admin Center and Media Status Monitor to manage and handle printer settings from PC
- Built-in operating panel with LCD for convenient set-up and operation
- Printhead has no contact with card, minimizing risk of damage
- Removable cleaning roller unit for long-term usage and reliable, steady card cleaning
- Field upgradeable encoder options
- Inline operation of printing, encoding and lamination reduces total personalization time
- 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
- IPSEC security feature for encrypted data transfer through network

SUPPLIES:

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

OPTIONS:

- Magnetic stripe encoding (HiCo and LoCo)
- Contact chip encoding
- 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, with ILU or OLM)

CONFIGURE YOUR CARD IDENTITY SYSTEM, ASK FOR:

- *EDIsure*[®] ILU Inline Lamination Unit
- *EDIsure*[®] OLM Overlamination Module
- *EDIsure*[®] Card Management Software Suite
- *IDExpert*[®] Identity Management Solutions
- *EDIsure*[®] Image Capture Modules
- *EDIsure*[®] Image Enhancement Software
- *EDIsure*[®] Card Materials

SPECIFICATIONS OF XID 590ie

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|----------------------------|--|
| Print Method | Dye sublimation retransfer |
| Print Mode | Single- and double-sided over-the-edge retransfer printing (full bleed) |
| Print Speed | From 120 to 840 cards per hour (single-sided) using Advanced IPM |
| Print Resolution | 300 dpi |
| Printhead | Lifetime warranty (using <i>EDIsure</i> [®] materials) |
| Card Types | PVC, Composite PVC, ABS, PET, and Polycarbonate Cards of ISO ID-1/CR-80 size, 85.60 x 53.98 mm |
| Card Thickness | 0.25 – 2.0 mm w/o encoder 0.25 – 1.4 mm with encoder |
| Input Hopper Capacity | 300 cards (0.76 mm) |
| Output Hopper Capacity | 100 cards (0.76 mm) |
| Interface | USB 2.0 and Ethernet |
| Operating System Support | MS Windows [®] 2000, XP, and VISTA |
| Printer Dimensions (WxDxH) | 343 x 347 x 381 mm |
| Weight | 22 kg |
| Power Supply | 100/120 V and 220/240 V, 50/60Hz FCC, CE, UL, GOST, and CCC approved |
| Operating Environment | 15°C to 30°C, 35% to 70% non-condensing humidity |

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