EDIsecure ® XID 580ie Retransfer Printer

HIGHEST PERFORMANCE, FOR PERSONALIZATION OF SMART CARDS AND SECURE ID CARDS

- 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 and IPSEC for encrypted data transfer

- Over-the-edge printing with EIP Enhanced Image Processing for great-looking cards with crisp, clear colors and flawless continuous tones

- Detachable card drawer and colored cartridge system for convenient and simple front-loading of 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® X*ID 580ie Retransfer Printer offers high quality and highly durable print results. It almost achieves offset print quality without a blemish even on challenging uneven surfaces of smart cards. For maximum flexibility in a professional environment this innovative printer comes prepared for various encoding and lamination options. This printer is applied in highly secure and high volume operations such as government agencies, R&D departments, laboratories as well as multinational corporations.

The *X*ID 580ie 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 secure 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.

For further demands on card functionality, optional magnetic stripe and smart card encoding is possible. Extend the life time and security of your cards by joining the printer with the *EDIsecure®* ILU or OLM for single- and double-sided inline lamination.

New security features such as 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.

Chip encoding is now as easy as magnetic stripe encoding with our Advanced Chip Encoding Framework (CEF), a powerful *EDIsecure® X*ID5xxie printer toolkit that encodes independent of your ID application. It provides the integration of multiple encoding technologies through an easy-to-use Plug-in tool.

THERE IS ONE FOR EVERYBODY

FEATURES:

- 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 use 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
- Field upgradeable to higher versions

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
- Prepared for LaserCard encoding (incl. OptiChip)
- Inline lamination (single-sided, with ILU or OLM)

CONFIGURE YOUR CARD IDENTITY SYSTEM, ASK FOR:

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

SPECIFICATIONS OF XID 580ie

Print Method	Dye sublimation retransfer
Print Mode	Single- and double-sided over-the-edge retransfer printing (full bleed)
Print Speed	Up to 120 cards per hour (single-sided)
Print Resolution	300 dpi
Printhead	Lifetime warranty (using EDIsecure® 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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