

IDX 380 Printer Module Specification EdiGuard™ IDX 380	
Printing Method	Thermal-Transfer Print on Re-Transfer Receiver
Resolution	300 dpi
Printing Speed	120 single sided color cards / hour (per single engine)
Power Supply	100 VAC - 240 VAC
Dimensions (HxWxD) in mm	381 x 340 x 339
Weight in kg	22 kg
Print-Head Warranty	Print Head unlimited Lifetime Warranty */ **
Warranty	12 month

* = only when certified IDX 380 Cardware materials are used
** = small handling fee applies

PPC- IDX 380 Printer Module Features
✓ Solid, reliable construction ✓ High speed card printing ✓ Exceptional print quality ✓ Perfect prints on uneven card surfaces ✓ Full color printing (16,7 millions) ✓ Front- and backside printing ✓ Real edge-to-edge printing ✓ Automatic card-feed (300 cards ISO thickness) ✓ Device drivers for MS Windows ME/2000/XP ✓ Device driver for driving multiple printer engines
PPC -IDX 380 Printer Module Contents

- ✓ IDX 380 Printer Sub-System
- ✓ SCSI 2 cable kit
- ✓ SCSI 2 controller kit
- ✓ Device driver for MS Windows ME/2000/XP

Optional modules

- ✗ Encoding modules
 - Magnetic stripe encoder (HiCo and LoCo)
 - Chip encoding modules (contact and contactless)
- ✗ In-Line overlamination module program (external)
- ✗ Additional Card feeder drawer for thin cards (0,25 mm)

Suitable receiver materials:
PVC layers on top are not necessary

PVC, PVH, ABS, PET
DigiCards (Business Card size CD ROM)
Polycarbonate in preparation

Printable area:
57 mm x 85,7 mm (edge-to-edge)

Accepted card dimensions:

length x width x thickness
85,7mm x 57 mm
0,25 mm - 2,4 mm

Please note:
some of the listed specifications are only available with additional
modules or accessories and/or special adjustments.

PPC Re-Transfer
IDX 380
Re-Transfer Printer Sub-System



ID Card
Personalization
Encoding
...the 3rd Generation...

IDX 380 Printer Sub-System ...

... the 3rd Generation

Re-Transfer ID Card printers have conquered market segments hardly to be reached by traditional direct card printers. Especially in governmental projects this print technology is proven to be extremely successful in high secure and longlasting drivers licence, national ID- and health card projects.

Since the first introduction of re-transfer printers more than five years ago, this exciting technology had been improved continuously resulting today in its third generation. More than 2,000 re-transfer printers had been successfully brought to the market since then on a global scale.

The new IDX 380 is the consequent next step with regards to the further development of the re-transfer technology.



IDX 380 Printer Sub-System ...

...more than just a printer



The IDX 380 offers real edge-to-edge printing in exceptional print quality on front- and back side of the card-body in full color density (16,7 million colors). Due to the re-transfer technology, the IDX 380 is perfect to print on pre-loaded cards, like contact- and contactless chip cards without any limitations at the card layout.

The IDX 380 communicates through a fast SCSI 2 interface with the computer system. The SCSI 2 driver offers exciting new features and even exceeds the previously available high-performance driver offered by DII for the predecessor model IDX 350. The driver, for example, supports a high-secure firmware controlled password routine, plug-ins for inline chip encoding, special DII developed color correction tables and user-configurable print job functions. This high performance driver supports up to 6 (six) printers simultaneously connected to one computer system.

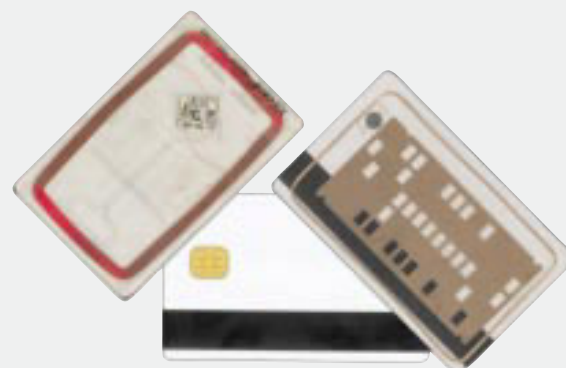
The card supply drawer holds up to 300 card in ISO thickness and can be reloaded during printer operation. Optional available is an additional card feeder drawer prepared for the use of thin (0,25 mm) card materials. The print ribbon as well as the re-transfer film can easily be loaded via color-coded cassettes and has a capacity of 1,000 prints each.

To further improve the scratch resistance of the card surface, the "Patch Re-Transfer Film" feature is available. These 0,15 mm patches are slightly smaller than the card, therefore edgeless printing is not possible. One roll of Patch Re-Transfer Film holds 500 patches.

IDX 380 Printer Sub-System ...

...encoding features

One ID card could contain several applications such as access control, time & attendance, cashless payment functionality and others. Sometimes even with different encoding technologies. Regardless whether barcode, magnetic stripe or smart chip (contact or contactless), the IDX 380 prints and encodes in one single run. Even cards with combined encoding technologies could be handled. The new re-transfer technology perfectly personalizes smart chip cards, even with undulating card surfaces. Fast and reliable. Due to the smart encoding processing in alliance with a sophisticated printer driver environment, the printing process starts only after the encoding is finished error free. This feature helps to save money for consumables in case a smart chip is defective.



OLM 380 In-Line Overlamination Program ...

unique features ...



A very special and unique feature is the OLM 380 In-Line Lamination program. These lamination modules, which are produced in Germany, allow for the lamination of either translucent holograms as well as rugged polyester patches on both, the front side and the back side of the card.

With this additional OLM 380 program, nearly all combinations of making a card secure and, in addition, protect the card against physical impacts are possible.

All OLM 380 overlamination modules are designed for inline operation and are prepared for combinations. As an option, an automatic card feeder module for stand-alone operation is available.

An impressive selection of Holographic lamination foils, holographic lamination foils incorporating COVID features, patch laminates in different thicknesses and clear overlays is available.

IDX 380 Printer Sub-System...

... setting the pace

IDX 380 Printer Sub-System

... the facts

- Brilliant print quality, edge-to-edge in full 24-Bit color depth on the card front- and backside.
- Perfect print results on undulating card surfaces (e.g. smart chip and proximity cards).
- Wide choice of printable card materials such as PVC, PVH, ABS and PET (Polycarbonate in preparation)
- Due to a smart SCSI device driver and sophisticated system controlling up to 6 IDX 380 could be simultaneously in operation.
- The re-transfer technology guarantees a perfect protection of the printed information against environmental and physical impacts.
- Integrated, comfortable inline encoding features. From barcode to magnetic stripe up to smart chip encoding.
- Wide choice of inline overlamination options.

... your benefit

- Cost intensive pre-printing is no longer necessary. Due to this, a cost efficient personalization of smaller quantities, immediately available, is now possible.
- Minimized rejects. Less error prints. Cost efficient operation.
- Use of cost efficient and longer lasting card materials.
- Efficient production capacity on demand. Saves the investment right from the beginning.
- Increased durability and life time of the cards.
- Minimized rejects. Less error prints. Optimized operation costs.
- Cost efficiency due to a wide choice of card materials.

IDX 380 best powered with



ID Management Solutions