



# IDC CARD PERSONALIZATION PRINTERS

IDC6	IDC20
<b>PRINTING</b>	
Printing Module	Retransfer technology, dual side, 600dpi, TruePrint
Printing Supplies	InTM Retransfer Film, YMCK, YMCKK, YMCK-UV, YMCK-PO; Rfid protected ribbon
Printing Security Features	Ribbon erase function, Invisible UV ribbon, dual retransfer film, electronics locks to access supplies
<b>LASER</b>	
Laser Module Technology	Active DPSS 6W Q-Switched Fiber 20W
Laser Cooling	Forced air cooling, very low noise Forced air cooling, low noise
Quality assurance	Camera autopositioning (5Mpix, standard), OCR verification (option), barcode reader (option)
<b>LAMINATION</b>	
Lamination Module (Opt.)	Single or dual side lamination, 0.6 or 1mil laminates, continuous or patch, controlled temperature and speed
Lamination Supplies	0.6mil continuous laminate, 1mil continuous or patch laminates; clear, standard hologram, custom hologram
<b>GENERAL</b>	
Card format & Material	CR80, ISO78xx, ID-1; PC, PVC, PET, PETG
Chip encoding	ISO 14443 Part I to IV, type A/B, CL & Mifare (option)
Card Input Hopper	100 cards input feeder, 250 cards optional
Card handling	End-to-end scratch free transport, long edge, integrated flipover stations (printer and laser), parking station (laser module)
Card Output Stacker	100 cards output stacker
Status monitor	Control panel on printer and laminator, LED's bar on laser unit
Software integration	Cross platform software integration by free-licensed proprietary SDK
Application Software	Card design software with dedicated IDC interface
Control architecture	On board control application (PC based, embedded)
Diagnostics	iCube (ID IXLA Interface), web-based application for system monitoring and setup
Operations safety	Interlock systems to avoid laser opening when in operations
Environmental safety	Exhaust fan with active carbon filter
Size & weight	720 x 335 x 325 mm. (WxHxD); 36.7 Kgs total (2 split modules) 930 x 335 x 325 mm. (WxHxD); 46.2 Kgs total (3 split modules)
Power supply	110/240V AC, 50/60Hz, 350W

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# IDC CARD PERSONALIZATION PRINTERS

The IDC is a modular desktop laser printer for low to medium volume laser engraving card personalization, that can be deployed either as a centralized unit or as part of a centralized solution. The IDC is a modular system that combines color printer by retransfer technology, laser engraving by a dedicated module and a single or dual pass laminator. It is designed to personalize engrave ID documents. IDC is provided with a web-based software tools for full user control and systems logs. The IDC models are offered with two power levels to fulfil the performance demand, and have a jam free, scratch-free modular transport system. The IDC provides a range of security features such as Electronic Guilloche, High-resolution gradient UV Printing, Micro text, CLI or MLI, Tactile effect, and Vision System.

### Card Input feeder

Feeding is automatic and secured by mechanical locks.

### Vision System

The integrated vision tools allow pre-personalization product inspection, offset registration of laser engraving data, personalization verification by performing OCR/OCV checks.

### C-CL Encoder

The system enables loading of personal data into the integrated electronic contact or contactless chip. The unit verifies whether data is applied correctly. Rejects and cards with malfunctioning chips are sent to the reject bin.

### Magnetic Stripe

In line Magnetic stripe reader can read/write Magstripe per ISO 7810, 7811.

### Laser Modules

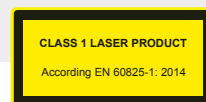
All laser systems allow front and rear engraving of photos, data, barcodes and graphics elements in non-tactile, embossed or indented modes.

### Vision Quality control unit

Camera cross check all applied visual data and features with OCR and OCV functions.

### Card output stacker

All card stackers ensure that the output is kept in the proper sequence.



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