



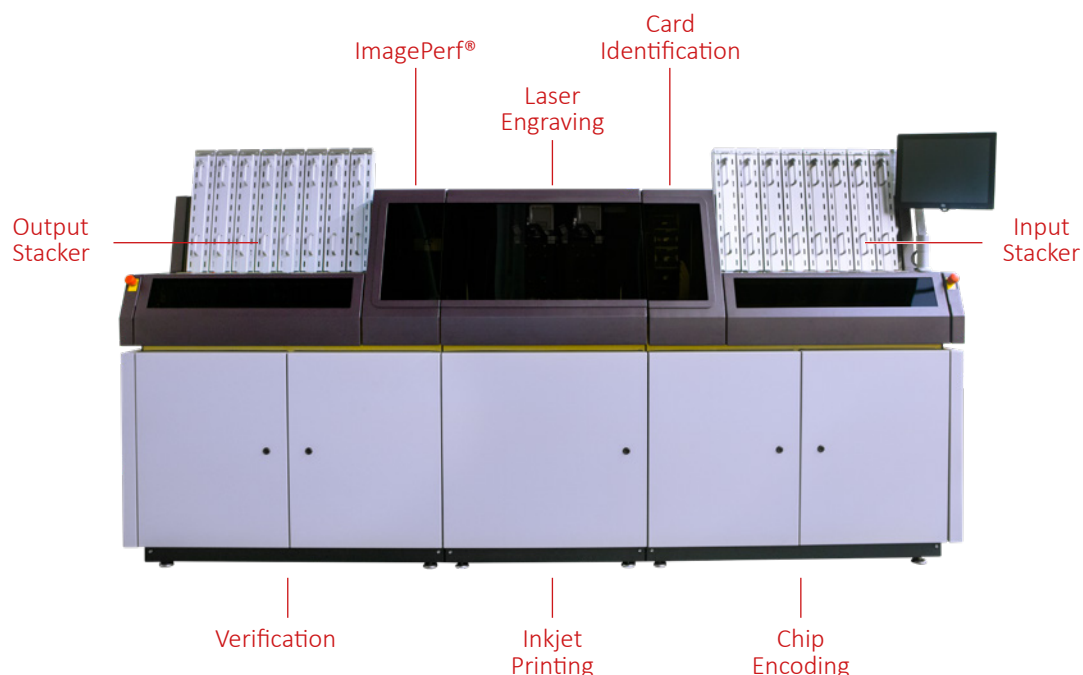
# Empowering Identity Security with CardMaster One®

Modular. Tailored.

## Advanced Security Features

As a leading technology company, IAI is a key enabler of advanced security features within the identity security industry. We stay ahead of market trends and developments by combining technological complexity with flexibility in document design.

Our fully automated, high-volume CardMaster One solution integrates all essential security features into a single document — laser engraving, perforation and inkjet printing — while delivering a throughput up to 1,500 cards per hour. Its modular design is highly adaptable, allowing us to tailor both document design and production processes to meet your specific project requirements. This flexibility ensures your project's success from concept to completion.



# Security Features

## Laser Colour Inkjet (LCI)

Transparent & UV-fluorescent tactile  
Full colour image  
Laser and inkjet

## Laser Engraving

Biometric data  
Black Tactile  
Microtext  
QR codes  
Portraits  
Logos

## Tilted Laser Number (TLN)

Perforated date of birth

## ImagePerf®/REV

Perforated portrait



# Benefits:

- Embedded security
- Layered personalisation
- Multiple safeguard cross front and backside
- Document design flexibility
- Combined technology integration with minimal footprint
- Front and back linked protection
- High resolution full colour portrait

## Laser Engraving

QR codes  
Portraits  
Logos  
MRZ

## ImagePerf/REV

Front and back



De Run 5406, 5504 DE Veldhoven, The Netherlands | +31 40 218 50 00 | info@iai.nl | www.iai.nl

© 2025 BookMaster, CardMaster and the IAI logo are trademarks or registered trademarks of IAI and/or its affiliates. Copyright IAI and/or its affiliates, all rights reserved. Please note that system specifications are subject to change without notice.

2025-11-18-si-iai-icao-compliance-cardmaster-one-br-en



iai industrial systems  
part of HID

Empowering Security Documents