

N-geeN

Industrial card personalization systems



Productivity



Print quality



Reliability



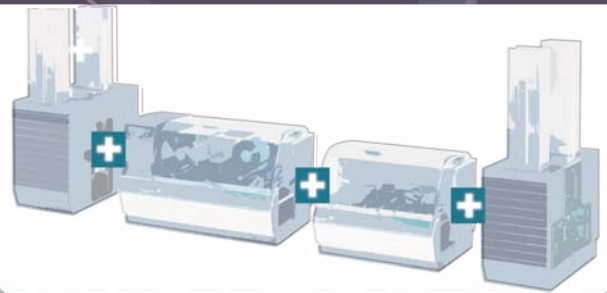
Cost savings

N-geeN is THE alternative to big industrial system to personalize medium and high volumes of cards at very competitive prices.

Designed around a modular architecture, the N-geeN operates in high autonomy to meet the most demanding applications and industrial requirements.

This powerful system can print one side or dual side cards in color and monochrome while encoding simultaneously using contactless, smart card and/or magnetic encoding. Most card readers and encoders can be integrated in the encoding module.

Set up your own configuration



N-geeN Applications



- Identification
- Governmental organizations: health, ID, driving licenses
- Security control
- Loyalty
- Payment cards
- Telecom

isolane
Card printer Manufacturer
www.isolane.com

Isolane, a subsidiary of Eolane global electronic group, is a card printer manufacturer offering:

- A range of industrial card personalization systems
- Engineering solutions to customize or develop equipment to meet specific needs.

N-geeN Key benefits to boost your card personalization

MODULAR

Based on a totally modular architecture with stand alone modules, the N-geeN is the most adaptable and evolutive printer on the market. Build today your own configuration and easily upgrade it later with additional modules. Modules can be assembled within seconds to match immediate needs. Any smart card and contactless reader on the market can be easily fitted into the encoding module.

AUTONOMY

N-geeN is the only printer offering 1000 cards autonomy! Its incomparable autonomy and high yield ribbons make the N-geeN a self operating printer for up to 6h. Meet small to large production needs.

REDUCED OPERATION COST

The more you print the more you save money! The labor cost saved daily, along with competitive consumable prices and an easy and low maintenance, make the N-geeN a very profitable printer to operate.

PRODUCTIVITY

The N-geeN's reversible magnetic and smart card encoding blocks, combined with multitask management to print and encode simultaneously, make this printer ideal for industrial volumes with a throughput of +1300 cards/hour for monochrome and 157 cards/hour for color printing.

PRINTING QUALITY

Great performance entails remarkable printing quality. Users recognise that N-geeN has the best edge to edge thermal sublimation printing quality in its range.

INDUSTRIAL RELIABILITY

95% of the N-geeN's high quality components are made of metal to guarantee robustness and ensure consistency of speed and printing quality over the years. See it running and you'll understand immediately!

ENGINEERING SOLUTIONS

OEM: Isolane is flexible and reactive to customize their products to meet specific requirements.

Modular innovative Concept

Build today your own configuration and upgrade it to suit all your needs!

- Each module is independent for a total flexibility: a module can be used in stand alone, or assembled to create more complex configuration. eg several printing and encoding modules together *
- Each module has its own CPU, power supply and communication interface
- Change configuration of modules within seconds and without tools
- Easy connection between modules thanks to cable and simple male/female pegs (cables supplied)

* under specific conditions

General specifications

Connections: USB

Resolution: 300 dpi (11.8 dots/mm)

Card Types: All PVC, PET, ABS,...

Card thickness: Capability from 0.30 to 0.76mm.

Factory settings at 0.76mm changeable upon request.

Possibility to set up different thickness per hopper

Modules dimension, weight:

Module	Printing	Encoding	Card feeder or Card staker 1000 cards	Card feeder or Card staker 500 cards
Height (cm)	29.5	29.5	59.5	58
Length (cm)	34.5	34.5	18	18
Depth (cm)	28	28	33.5	28.5
Weight (Kg)	12.3	10.3	12.8	8.3

Power Supply: 100 - 240 Vac, 50/ 60 Hz, 2A

Temperature: Working Temperature: 15°C to 30°C

Stocking Temperature: -5°C to 70°C without condensation

Working Humidity: 20% to 65%

Stocking Humidity: 20% to 70% without condensation

Working ventilation: Open air

Environmental: Environmental friendly as 95% parts are recyclable

Warranty

Isolane delivers qualitative support with technical experts.

1 year parts and labor. 2nd year warranty extension possible.

- I print head offered for 20 colour ribbons/order

Modules Specifications

Printing Module

Printing mode

- Colour dye diffusion and monochrome thermal transfer
- Most advanced colour management system
- Edge to edge printing
- Dual side printing in option
- Integrated ribbon saver for monochrome printing

Printing speed

- Full colour 1 side (YCMKO): 157 cards/hour
- Full colour 2 sides (YCMKOK): 126 cards/hour
- Monochrome (SIM size printed): Up to 1300 cards/hour

High capacity Ribbons

- Colour ribbon 5 panels (YMCKO): 1000 cards/roll
- Colour ribbon 6 panels (YMCKOK): 800 cards/roll
- Monochrome black ribbon: 5500 full cards/roll
- White, blue, red, green, gold, silver... Wide range available on demand

Encoding Module

- 3 encoding technologies available:

- . Contactless card station in standard
- . Smart card station (option)
- . Magnetic card station (option)

- Reject tray (50 cards) to collect defective supplied cards
- Reversible smart card and magnetic encoding station: print/encode on any side without flip over and increase throughput
- Smart card station equipped with Industrial electrical contacts
- Simultaneous multi processing: print/encode at same time
- Most readers can be integrated for Smart and contactless cards
- Magnetic encoding: 3 ISO tracks 7810-7813, low & high coercivity

Card feeder and Card staker modules

- Card feeder with 2 capacities: 1x500 or 2x500 cards (0.76mm)
- Card staker with 2 capacities: 1x500 or 2x500 cards (0.76mm)
- Full metal modules for industrial usage