

# evolIS

Identify what matters

## Avansia



HIGH  
SECURITY

RETRANSFER

HIGH  
QUALITY

PERFORMANCE



AVANSIA



# Avansia: Everything retransfer print technology can offer you

## An exceptional aesthetic result

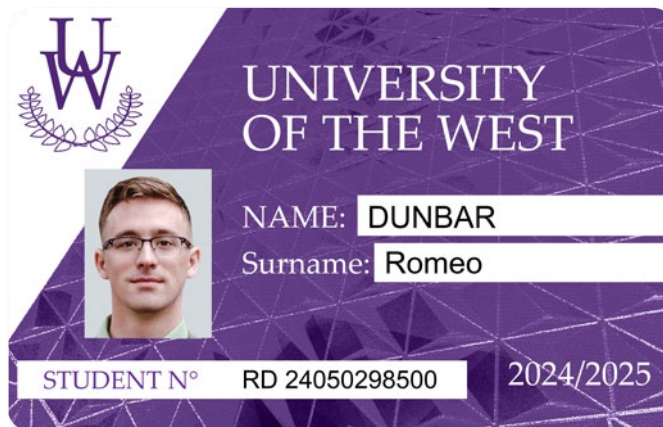
With Avansia, **all card designs** are feasible. The retransfer technology allows **printing on the entire surface of the card** with no borders.

Thanks to the print resolution of 600 dpi a remarkable **fineness of printing** is achieved, with **exceptional rendering** of images and texts.

## Safety is key

Avansia creates the **most secure cards for you**. Encodings, UV elements, micro-texts, watermarks, guilloches: **numerous possibilities of graphic and electrical personalization** are provided, which contribute directly to the security of the cards.

You need even more security? Equip your Avansia with a **lamination module**. You then have access to a **optimal level of security, thanks to different types of laminates**(varnish, patch, generic and specific holograms).



## Features & advantages

### High-quality design

- Retransfer technology for edge-to-edge printing, on both sides
- Print resolution 600 dpi
- Printing on **all types of cards, even on irregular surfaces**
- **Integrated leveler**, for perfectly flat cards

### High-performance printing

- 250 card feeder and hopper
- Up to **144 cards/hour** (color printing, single-sided)
- Designed for **printing in large series**

### Highly secure cards

- Multiple encoding options
- Printing of **micro-texts, guilloches** and **UV\* elements**

### Lamination module\*

For even more **secure & durable cards**.

- Varnish
- Patch
- Generic and specific holograms



### Protection of printed data & consumables

- Locking the printer with a key\*
- Recognition, activation and control of the level of the ribbon via an electronic key

### Intuitive use

- Easy access to consumables
- Software suite with **supervision system and notifications**
- Card personalization software



### Robustness

- Print head with **lifetime warranty**
- Printer comes with **3 year warranty**

\*available on some models or as an option

### A complete range of consumables

Evolis High Trust consumables ensure **high-quality printing and optimal service life** for your printer.

With a **wide range of cards, ribbons, and cleaning kits** you're sure to find the right product for your needs.

### Our selection

- ⊙ **YMCFK 400**: a Fluo panel, to print UV elements
- ⊙ **Clear 500**: the essential ribbon for retransfer printing
- ⊙ **YMCK 500**: color ribbons, high autonomy

# Technical specifications

## GENERAL FEATURES

- Double-sided printing module (standard)
- Perfect printing of the edges
- 600 dpi print head (23.6 dots/mm)
- Lamination module (CLM for Avansia) (option)

## PRINT SPEED<sup>1</sup>

- Single-sided (YMCK): 144 cards/hour
- Double-sided (YMCKK): 96 cards/hour
- Single-sided (YMCK) with lamination module: 133 cards/hour
- Double-sided (YMCKK) with lamination module: 79 cards/hour

## CARD MANAGEMENT AND SPECIFICATIONS

- Feeder capacity: 250 cards (0.76 mm – 30 mil)
- Hopper capacity: 250 cards (0.76 mm – 30 mil)
- Reject hopper capacity: 30 cards (0.76 mm – 30 mil)<sup>2</sup>
- Types of cards: PVC cards, composite PVC cards, PET-F cards, PET-G cards, polycarbonate (PC) cards, ABS cards

## PORTS/CONNECTIVITY

- USB (1.0, 1.1, 2.0, 3.0), cable supplied
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)

## EVOLIS HIGH TRUST<sup>®</sup> RIBBONS

To maximize the quality and lifetime of the printed cards, the service life of the print head, and the overall reliability of your printer, use Evolis High Trust<sup>®</sup> ribbons.

- Ribbon capacities:
  - Holographic transfer film: 500 prints/roll
  - YMCK Ribbon: 500 prints/roll
  - YMCKK Ribbon: 400 prints/roll
  - YMCKI ribbon (for smart cards, magnetic stripe cards and signature panels): 400 prints/roll
  - YMCKH ribbon (for non-PVC cards): 400 prints/roll
  - YMCFK ribbon (F = UV ink): 400 prints/roll

List of ribbons available at [www.evolis.com](http://www.evolis.com)

## LAMINATION (OPTION)

- Single and double-sided as standard (via duplex module)
- Extensive range of laminates: patches, varnishes with or without holograms

List of laminates available at [www.evolis.com](http://www.evolis.com)

## SECURITY

- RFID lock key
- Socket for Kensington<sup>®</sup> security lock
- Centralized access lock for blank cards, ribbon and film (optional)<sup>3</sup>

## ADDITIONAL ENCODING MODULES

- Magnetic stripe encoder ISO 7811
- Dual encoder for contact and contactless chips
- Options can be combined
- Factory or on-site mounting for contact and contactless chip encoders

## SOFTWARE

- Compatible with Windows<sup>®</sup> (32/64 bit): XP SP3, Vista, W7, W8, W10
- Supplied with cardPresso XXS for designing and printing badges



## WARRANTY CONDITIONS<sup>4</sup>

- 3 years for the printer, lifetime for the print head

- 1: Speed measured from the insertion of the card detected by the sensor to the ejection of the card.
- 2: Provided with any printer integrating one or more encoding options.
- 3: Option available on request.
- 4: Warranty subject to strict compliance with specific usage and maintenance conditions and exclusive use of Evolis High Trust<sup>®</sup> ribbons

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## GLOBAL PROVIDER OF IDENTIFICATION SOLUTIONS

- **Worldwide leader** in card personalization systems for decentralized issuance
- **International expertise and local support** through a network of 400 distributors in 140 countries
- A unique ability to meet specific customer requirements with a **Project department dedicated to design and construction of tailor-made solutions**
- **Evolis is ISO 9001 certified, which reflects** our comprehensive approach, both in terms of quality and continuous improvement

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