AVANSIA

THE PREMIUM RETRANSFER PRINTER FOR HIGH DEFINITION CARDS

Avansia is a Retransfer technology card printer for very high quality card delivery. Avansia is highly productive and is ideal for card issuance in medium and large quantities.
Designed for rigorous use, Avansia is extremely robust and provides high security card issuance.

FLAWLESS PRINTING

- With a 600 dpi resolution, images and texts are rendered perfectly and micro-texts and watermarks are printed in high definition.
- The Avansia printer will guarantee that your edges print perfectly since the film fully covers the card.

MEDIA COMPATIBILITY

- The Avansia Retransfer technology can print on all types of cards (PVC, PET, polycarbonate, ABS), including uneven card surfaces, such as smart contact and contactless cards.
- The standard built-in card flattener delivers perfect results.

INCREASED PRODUCTIVITY

- Avansia is exceptionally fast with an output of more than 140 single-sided color cards per hour.
- Print your card runs with no interruptions thanks to the high capacity feed tray and output tray (250 cards each) and high capacity consumables (500 prints per roll).

Blank card storage in a removable card case with a capacity of 250 cards

Front control panel with 4 keys, a 2-line LCD display and a status indicator

ELECTRONIC KEY TO:
- ALLOW RIBBON RECOGNITION
- SECURE THE USE OF THE PRINTER
- MONITOR CONSUMABLE STATUS

MAIN FEATURES / Full technical specifications on www.evolis.com

GENERAL FEATURES
- Reverse transfer printing, using color dye sublimation and resin monochrome retransfer
- Dual-sided printing (standard)
- Over the edge printing
- Using color dye sublimation and resin monochrome retransfer
- 600 dpi print head (23.6 dots/mm)
- Bitmap: 24 bits, 16 million colors
- Printout: Y/M/C 256 level
- 64 MB of memory (RAM)

PRINTING PERFORMANCES[1]
- Full card:
  - Single side (YMCK): 25 s/card - 144 cards/hour
  - Dual side (YMCKK): 37.5 s/card - 96 cards/hour

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

CARD MANAGEMENT AND SPECIFICATIONS
- Card feeder: 250 cards (0.76 mm – 30 mil)
- Card output hopper: 250 cards (0.76 mm – 30 mil)
- Reject tray capacity: 30 cards (0.76 mm – 30 mil)[3]
- Card thickness: 0.76 mm (30 mil), manual adjustment
- Card types: PVC cards, Composite PVC cards, PET-F cards, PET-G cards, polycarbonate (PC) cards, ABS cards
- Card format: ISO CR80 - ISO 7810 (53.98 x 85.60 mm – 3.370" x 2.125")

ADDITIONAL ENCODING MODULES
- Available modules:
  - Magnetic stripe encoder ISO 7811
  - Dual contact and contacless encoder
- Encoder connectivity: internal USB hub, 1 port available
- Encoding options can be combined
- Factory installed or installed on site for contact and contactless encoders

SAFETY
- RFID locking key
- Support for security lock (Kensington® type)
- Centralized locking system to secure access to blank cards, ribbon and film (optional)[2]
- IPSec encrypted networking security

DISPLAY
- Two-line LCD display and LED status indicator
- Printer graphical notifications: empty input hopper, empty/low level ribbon alert...

EVOLIS HIGH TRUST® RIBBONS
To maximize the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use Evolis High Trust® ribbons.
- Ribbon capacity:
  - Clear transfer film: 500 prints/roll
  - Holographic transfer film: 400 prints/roll
  - YMCK ribbon: 500 prints/roll
  - YMCKK ribbon: 400 prints/roll
  - YMCKI ribbon (for smart cards, magnetic stripes and signature panels): 400 prints/roll
  - YMCKH ribbon (for non PVC cards): 400 prints/roll
  - YMCFK ribbon (F = UV ink): 400 prints/roll

SOFTWARE
- Compatible with Windows® (32/64 bits): XP SP3, Vista, W7, W8
- Delivered with cardPresso XXS for designing and editing badges:
  - Internal database (unlimited records)
  - Windows® (from XP onwards)

CERTIFICATIONS AND STATEMENT OF COMPLIANCE
- RoHS
- CE, FCC, UL, ICES

SIZE AND WEIGHT
- Dimensions (H x W x D): 436 x 340 x 297 mm (17.16" x 13.38" x 11.69")
- Weight: 20 kg (44.09 lbs)

WARRANTY[4]
- 3 years for printer, lifetime warranty on print head

1 Time measured from the card's insertion detected by the sensor until the flip engine stops during ejection / **2** Option available upon request /
3 Delivered with printers that are upgraded with encoding options / **4** Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons

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