



# AGILIA

## Card printer specification

### STANDARD PRINTER FEATURES

#### Printer design:

- Compact printer for desktop environment
- LCD Color Touch Screen panel (89 mm, 3.5 inches)

#### Print technology:

- Retransfer: reverse transfer printing, using color dye sublimation and resin monochrome retransfer

#### Print capability:

- One or two-sided printing, over-the-edge

#### Print quality:

- 16 million colors
- Integrated Color profile

#### Print resolution:

- 600x600 dpi (dots per inch) for enhanced color and monochrome printing

#### Printing performance:

- YMCK single side: up to 150 cards/hour<sup>1</sup>
- YMCK-K dual side: up to 100 cards/hour<sup>1</sup>

#### Printer memory:

- Flash Memory 4 GB - RAM 256 MB

#### Interfaces:

- USB (2.0)
  - USB A (from embedded board - Internal USB hub, 1 port)
  - USB B (for PC connection)
- Ethernet TCP-IP, 10BaseT, 100BaseT (Traffic Led)

#### Safety and security features:

- Support for Kensington® security lock
- Digital Erasing (deletes all sensitive information from the printer memory)
- Data encryption for magnetic encoding

#### User-friendly operation:

- Full operation through LCD panel
- Graphical notifications from the printer LCD panel:
  - cleaning, alerts, empty/low level ribbon and card alerts, etc
- Easy to reach on/off button
- Easy to access technical parts thanks to side opening
- Checking of the card level at a glance

#### Warranty:

- 3-year on printer<sup>3</sup>
- Life long on Print Head / Unlimited number of passes (with cleaning interval respected)<sup>3</sup>
- 6 months for the printers options and the spare parts

### ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 30mil cards only) (only Factory-installed)
- Magnetic stripe encoder JIS Type II<sup>2</sup>
- ISO 7816 smart card contact station for 3rd party external contact encoder
- Contact smart encoder - PC/SC, EMV 2000-1
- Contactless ISO 14443A, B, ISO 15693, MIFARE, DESfire, HID iCLASS, Legic
- Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on-site

### SOFTWARE & APPLICATIONS

#### ID-ALL Starter Edition for designing and editing badges

(Windows® and macOS):

- First steps with a card designer, basic design and printing
  - Internal database up to 50 records and 1 image type column
  - CR80 card format
  - Code 39 and 128 barcodes
  - User interface available in 30 languages: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Korean, Japanese, Russian, Polish, Turkish, Arabic, Persian, Burmese, Czech, Danish, Finnish, Hebrew, Hungarian, Indonesian, Nepali, Norwegian, Slovak, Swedish, Thai, Ukrainian, Vietnamese.
- OS compatibility details available on [www.cardpresso.com](http://www.cardpresso.com)

#### Evolis Premium Suite 2 for complete printer

management:

- Printer drivers (Windows certification)
- Printer Manager for settings, assistance and user notifications.
- User interface available in 14 languages: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Korean, Japanese, Russian, Polish, Turkish.
- Compatible for Windows® and macOS.

#### Evolis Print Service (mobile app) for printing from Android

and iOS mobile devices.

#### Evolis SDK (Software Development Kit) for complete

management and optimal integration of Evolis printers in IT applications and systems.

OS compatibility details available on [www.evolis.com](http://www.evolis.com)

### PRINTER RIBBON SPECIFICATIONS

The Evolis High Trust® ribbons have been exclusively designed to work with Evolis card printers. Tested and validated by our R&D and Quality departments, these consumables bring you printing quality and reliability, maximizing the lifespan of the print head.

- Automatic ribbon identification and setting
- Low ribbon/ end of ribbon graphical notification

#### Ribbon capacity:

- Clear Retransfer film: 1200 prints/roll
- YMCK: 600 prints/roll
- YMCK-K: 600 prints/roll (dual-sided)
- YMCKI: 600 prints/roll
- YMCK-KI: 400 prints/roll (dual-sided)
- K (Black) 2400 prints/roll

Complete ribbon offer available on: [www.evolis.com](http://www.evolis.com)

### CARD SPECIFICATIONS

- 200-card input hopper capacity (0.76 mm - 30 mil)
- 100-card output hopper capacity (0.76 mm - 30 mil)
- 10-card reject hopper capacity (0.76 mm - 30 mil)
- Manual feeder
- Card thickness: 0.76 mm to 1.25 mm (30 - 50 mil)
  - Manual gauge adjustment for the input hopper
- Input hopper low card level and empty hopper detection
- Full reject box detection

#### Card types accepted:

- ISO 7810 format, Type ID 1, CR-80 size
- 85.6 x 53.98 mm (3.370" x 2.125")
- Card materials: PVC, composite PVC, PET, PC, ABS

### OPTIONAL PRINTER FEATURES

- Dual-sided printing activation by a RFID key
- Dual-sided Card Lamination Module (CLM)
- ElectroMechanical lock (factory only): locks access to consumables (ribbons and cards), blank cards and rejected cards
- Lock activation through key or software action
- 1 year warranty extension program

### OPERATING ENVIRONMENT

- Min / Max operating temperature: 15° / 30° C (59° / 86° F)
- Humidity: 20% to 65% non-condensing
- Min / Max storage temperature: -5° / +70° C (23° / 158° F)
- Storage humidity: 20% to 70% non-condensing
- Operating ventilation: free air

### PRINTER SPECIFICATIONS

#### Physical dimensions (H x W x D):

- 373 x 445 x 205 mm

#### Physical dimensions with output hopper:

- 373 x 538 x 205 mm

#### Weight:

- 9.6 kg

#### Weight with packaging:

- 12.1 kg

#### Printer packaging dimension:

- 600 x 563 x 364 mm

#### Sound Level (Acoustic Pressure) - ISO 7779

- Standby mode: 37dB(A) / Printing mode: 50dB(A)

#### Electronic requirements:

- External Power supply: 100-240 Volts AC, 50-60 Hz, 2A
- Printer: 24 Volts DC, 6,25 A
- Printer consumption: 150W

### CERTIFICATIONS / COMPLIANCES

- Standby, sleep modes & reduced energy consumption
- Recyclable enclosure plastics
- CE, FCC, ICES, VCCI, KC, BIS, EAC, UKCA
- RoHS
- Recyclable packaging (box, plastic, foam)

### INCLUDED WITH THE PRINTER

- 1 license for ID-ALL Starter edition
- Quick Start Guide with URL links for documentations and easy installation
- Starter cleaning kit
- USB cable (1.80m)
- Output hopper
- External power supply
- Power cord (region specific)
- User guide, declaration of conformity & warranty booklet available on [www.evolis.com](http://www.evolis.com)

<sup>1</sup> Under specific conditions / <sup>2</sup> Project mode only / <sup>3</sup> Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons