



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/hour¹
- YMCK-K dual side: up to 100 cards/hour¹

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)
- UV printing through YMCFK and driver implementation
- 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 printer²
- Life long on Print Head / Unlimited number of passes (with cleaning interval respected)²
- 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)
- Magnetic stripe encoder JIS Type II ²
- ISO 7813 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

CardPresso XXS for designing and editing badges (Windows® and Mac OS):

- Internal database (unlimited records)
- Signature acquisition (compatible with Evolis Sig100 Sig100 Lite, Sig200 and SigActiv signature pads)
- User interface available in 28 languages: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Korean, Japanese, Russian, Polish, Turkish, Arabic, Farsi
- Burmese, Czech, Danish, Finnish, Hebrew, Hungarian, Indonesian, Nepali, Norwegian, Slovak, Swedish, Thai, Vietnamese.

Evolis Premium Suite 2® (Windows® and Mac OS):

- Printer driver (Windows certification)
- Printer Manager for administration, 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.

Evolis Print Service (printing plugin) for Android & iOS mobile devices.

Evolis SDK (Software Development Kit) for complete management and optimal integration of Evolis printers in IT applications and systems.

OS compatibility:

- Windows® 11, 10, 8.1 (32 / 64 bit), Windows Server 2022, Windows Server 2019, Windows Server 2016, Windows Server Server 2012 R2
 - Mac OS from 11 onwards and later versions
 - Android from Android 6 onwards and later versions
 - iOS from iOS 15 onwards and later versions.
- More details about OS compatibility available on www.evolis.com and www.cardpresso.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)
- YMCFK: 600 prints/roll
- YMCKI: 600 prints/roll
- YMCK-KI: 400 prints/roll (dual-sided)

Complete ribbon offer available on: 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: locks access to consumables (ribbons and cards), blank cards and reject cards (Factory only)
 - 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

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

- CardPresso XXS, card designer software - activation key
- 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

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