



PRIMACY 2

Card printer specification

STANDARD PRINTER FEATURES

Printer design:

- Compact printer for desktop environment
- LCD TOUCH screen panel
- LED control panel

Print technology:

- Direct-to-card
- Dye-sublimation/resin and thermal transfer
- ReWrite possibility (with rewritable cards)

Print capability:

- One-or two-sided printing, edge-to-edge

Print quality:

- 16 million colors
- Integrated Color profile

Print resolution:

- 300x300 dpi (dots per inch) for standard color and monochrome printing
- 300x600 dpi (dots per inch) for enhanced color and monochrome printing
- 300x1200 dpi (dots per inch) for enhanced monochrome printing

Printing performance:

- Color YMCKO: up to 235 cards/hour¹
- Color 1/2YMCKO-K: up to 280 cards/hour¹
- Color YMCKO-K: up to 170 cards/hour¹
- Monochrome: up to 1000 cards/hour¹
- RW Erasing / Printing one side: 365 cards/hour¹
- RW Printing one side (w/o erasing): 560 cards/hour¹

Printer memory:

- 32 MB (RAM)

Interfaces:

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

Safety and security features:

- Support for Kensington® security lock
 - Print head protection element
 - Digital Erasing (deletes all sensitive information from the printer memory)
 - UV effect through driver implementation:
 - requires a lamination module for standard ribbon with a "O" panel
 - in standard with the YMCKOO ribbon (no need of a lamination module)
 - Data encryption for magnetic encoding
- ##### User-friendly operation:
- Full front operation
 - Graphical notifications from the printer: 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
 - Drop-in cassette with easy handling
 - Operator replaceable print head

Warranty:

- 3-year on printer³
- 3-year on original print head (unlimited passes)³

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 II²
- 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

Delivered with Evolis Premium Suite® for Windows®:

- Printer driver (Windows certification)
- Evolis Printer Manager for administration, settings, assistance and notifications
- User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Korean, Japanese, Russian, Polish, Turkish, Arabic, Farsi

Compatible with:

- Windows® 10 / 8.1, (32/64-bit),
- Windows Server 2022, Windows Server 2019,
- Windows Server 2016, Windows Server 2012 R2
- Mac OS 10.14 / 10.15 / 11 / 12 (April 2022)
- Linux RPM & DEB distributions (April 2022)

Delivered with cardPresso XXS for designing and editing badges (activation key):

- Internal database up to 50 records
- Signature acquisition (compatible with Evolis Sig100 Sig100 Lite, Sig200 and SigActiv signature pads)
- User interfaces available in 28 languages

Evolis SDK available for remote supervision

- of the printer, while facilitating and speeding up integration into IT systems

Detailed OS driver compatibility available on:

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
- Delivered in a drop-in cassette for intuitive installation and easy handling
- Ribbon saver for monochrome printing
- Ribbon cores, cassettes and blisters are made of recycled and recyclable material
- EASY4PRO range without cassette for high volume users wishing to reduce their plastic consumption and their waste

Ribbon capacity:

- YMCKO: 300 prints/roll
- YMCKO-K: 200 prints/roll (dual-sided)
- 1/2 YMCKO: 400 prints/roll
- 1/2 YMCKO-KO: 250 prints/roll (dual-sided)
- YMCKOO: 250 prints/roll
- KO: 600 prints/roll
- SO-KO: 250 prints/roll (dual-sided)
- Black monochrome ribbon: 2000 prints/roll
- BlackFLEXmonochrome ribbon: 1000 prints/roll
- Blue P300C monochrome ribbon: 1000 prints/roll¹
- Red P186C monochrome ribbon: 1000 prints/roll¹
- Green P356C monochrome ribbon: 1000 prints/roll¹
- White monochrome ribbon: 1000 prints/roll¹
- Metallic silver monochrome ribbon: 1000 prints/roll¹
- Metallic gold monochrome ribbon: 1000 prints/roll¹
- Signature panel monochrome ribbon: 1000 prints/roll¹
- Scratch-off monochrome ribbon: 1000 prints/roll¹
- Hologram varnish ribbon: 400 prints/roll

Complete ribbon offer available on: www.evolis.com

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

OPTIONAL PRINTER FEATURES

- Dual-sided printing activation by a RFID key
- Dual-sided Card Lamination Module (CLM)
- 64 MB (RAM)² (Factory only)
- 200 cards additional input hopper
- LCD Color touch-screen display
- Mechanical lock - lock access to consumables (ribbon and cards), blank cards and reject cards (Factory only)
- Wireless range: wireless connection 802.11 b/g (Factory only)
- Kinectip (mask information left on the black ribbon panel) (Factory only)
- Internal scanner (Factory only)
 - Basic scan operation included in Evolis Premium Suite
 - Custom scan operation possible through Evolis SDK
- Warranty extension program

CARD SPECIFICATIONS

- 100-card input hopper capacity (0,76mm - 30mil)
- 100-card output hopper capacity (0,76mm - 30mil)
- 50-card reject tray / output hopper capacity (0,76mm - 30mil)
- Card thickness: 0.25 to 1.25mm (10 to 50mil)

Manual gauge adjustment

- 0,25mm (10mil) only for monochrome printing

- Input hopper low card level and empty hopper detection

Card types accepted:

- ISO 7810 format, Type ID 1, CR-80 size
- 85,6 x 53,98 mm (3.370" x 2.125")
- PVC, Composite PVC, PET, PC²
- ABS¹, special varnished cards¹

PRINTER SPECIFICATIONS

Physical dimensions (H x W x D):

- 247 x 205 x 382 mm (9.72" x 8.07" x 14.99")

Physical dimensions with reject tray / output hopper:

- 247 x 205 x 487 mm (9.72" x 8.07" x 19.17")

Weight:

- 4.11 kg (9.06 lbs)
- With reject tray / output hopper: 4.2 kg (9.26 lbs)

Electronic requirements:

- Power supply: 100-240 Volts AC, 50-60 Hz, 1.5 A
- Printer: 24 Volts DC, 2.5 A

SOUND

Sound pressure (According to ISO 7779 std)

- When operating: 48 dB (A)
- In sleep mode: background noise level

CERTIFICATIONS / COMPLIANCES

- Standby, sleep modes & reduced energy consumption
- Recyclable enclosure plastics
- CE, FCC, ICES, VCCI, K, BIS, EAC, UKCA
- RoHS
- Recyclable packaging

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)
- Reject tray / Output hopper
- Power supply
- Power cord (region specific)

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