CARD PRINTER SPECIFICATIONS

PRIMACY

STANDARD PRINTER FEATURES

Printer design:
- Compact printer for desktop environment
- Available in fire red or brilliant blue
- LED control panel

Print technology:
- Direct-to-card
- Dye-sublimation/resin thermal transfer

Print capability:
- One-or two-sided printing, edge-to-edge

Print resolution:
- 16 million colors
- Standard mode: 300x300 dpi (dots per inch)
  For standard monochrome and color printing
- Extended mode: 300x600 dpi (dots per inch)
  For enhanced monochrome and color printing
- Extended mode: 300x1200 dpi (dots per inch)
  For enhanced monochrome printing

Printing performance:
- Color YMCKO: 190 - 225 cards/hour[1]
- Color YMCKO-K: 140 cards/hour[1]
- Monochrome: 800 - 1000 cards/hour[1]

Printer memory:
- 32 MB (RAM)

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

Safety:
- Support for Kensington® security lock
- Data encryption for magnetic encoding

User-friendly operation:
- Full front operation
- Graphical notifications from the printer[2]: cleaning alerts, empty/low level ribbon and card alerts, etc.
- Easy to reach on/off button
- Easy to access technical parts thanks to side
- Checking of the card level at a glance
- Drop-in cassette with easy handling
- Operator replaceable print head

Warranty:
- 3-year warranty on printer[4]
- 3-year warranty on original print head (unlimited passes)[4]

OPTIONAL PRINTER FEATURES
- On-site dual-sided printing activation by a RFID key
- Dual-sided Card Lamination Module (CLM)
- 64 MB (RAM)[1]
- USB encoding over IP through additional USB Net Server module, upon request
- Open output hopper for collecting cards one by one
- Wireless range: wireless connection 802.11 b/g
- Electronic and mechanical locking system[1] to prevent acces to the printer and consumables (cards & ribbons)
- Color touch-screen display
- Warranty extension program

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
- 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, UHF encoder: ETSI (EN or FCC (part 15.247) standard compliance: EPC C1 Gen2 / ISO18000-6C
- 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
- Evolis Print Center for administration and settings
- Evolis Printer Manager for graphical notifications[3]
- 24/7 online support
- Compatible with Windows® XP SP3 32/64, Vista 32/64, W7 32/64, W8 32/64, W10
- User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Japanese, Korean, Russian, Polish, Turkish, Farsi

Delivered with cardPresso XXS for designing and editing badges:
- Internal database (unlimited records)
- Signature acquisition (compatible with Evolis Sig100 and Sig200 signature pads)
- Compatible with Windows® XP SP3 32/64, Vista W7 32/64, W8 32/64 and Mac OS X (Intel®

Delivered with a driver for Mac OS X (from 10.5 onwards)

Linux OS, upon request

Evolis Premium SDK for remote supervision of the printer, while facilitating and speeding up integration into IT systems

PRINTER RIBBON SPECIFICATIONS

The Primacy is designed to work only with 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.
- Automatic ribbon identification and setting
- Delivered in a drop-in cassette for intuitive installation and easy handling
- Ribbon saver for monochrome printing
- Recyclable supply cores and cassette
- Recycled packaging

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)
- 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/roll
- Red P186C monochrome ribbon: 1000 prints/roll
- Green P356C monochrome ribbon: 1000 prints/roll
- White monochrome ribbon: 1000 prints/roll
- Metallic silver monochrome ribbon: 1000 prints/roll
- Metallic gold monochrome ribbon: 1000 prints/roll
- Signature panel monochrome ribbon: 1000 prints/roll
- Scratch-off monochrome ribbon: 1000 prints/roll
- Hologram varnish ribbon: 400 prints/roll

Y=Yellow, M=Magenta, C=Cyan, K=Black Resin
O=Overlay, S=Silver

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 -
- Card thickness: 0,25 to 1,25mm (10 to 50mil)
  Gauge adjustment
  0,25mm (10mil) only for monochrome printing
- Input hopper low card level and empty 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
- ABS[1], special varnished cards[1]

PRINTER SPECIFICATIONS

Physical dimensions (H x W x D):
- 247 x 205 x 381 mm (9.72" x 8.07" x 14.99")
- With reject tray / output hopper:
  247 x 205 x 487 mm (9.72" x 8.07" x 19,17")

Weight:
- 4,02 kg (8.86 lbs)
- With reject tray / output hopper: 4,11 kg (8.86 lbs)

Electronic requirements:
- Power supply: 100-240 Volts AC, 50-60 Hz, 1.7 A
- Printer: 24 Volts DC, 2.71 A

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

SOUND (evaluated according to the ISO 7779 standard)

Sound pressure in assistant positions LpAm (color mode YMCKO):
- 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, CCC, KC, BIS, EAC
- RoHS
- Recyclable packaging

INCLUDED WITH THE PRINTER
- CD with drivers and user's manuals
- DVD with cardPresso XXS card designer software
- Quick Start Guide
- Warranty booklet
- Starter cleaning kit
- USB cable (1.80m)
- Reject tray / Output hopper
- Power supply
- Power cord (region specific)

[1] Under specific conditions / [2] Depends on the Windows® version / [3] Requires the.net 4.0 client profile version

[4] Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons