ZENIUS

CARD PRINTER SPECIFICATIONS

STANDARD PRINTER FEATURES

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

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

Print capability:
- Single-sided printing, edge-to-edge

Print resolution:
- 16 million colors
- 300x300 dpi (dots per inch)

Printing performance:
- Color YMCKO: up to 150 cards/hour[1]
- Monochrome: up to 500 cards/hour

Printer memory:
- Zenius Classic: 16 MB (RAM)
- Zenius Expert: 32 MB (RAM)

Interfaces:
- USB (1.0, 1.1, 2.0, 3.0)

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.
- Manual or automatic card feeding
- 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:
- 2-year warranty on printer[4]
- 2-year warranty on original print head (unlimited passes)[4]

OPTIONAL PRINTER FEATURES
- Ethernet TCP-IP, 10BaseT, 100BAseT (Traffic Led) on the Expert version

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 Lite for designing and editing badges:
- Internal database up to 50 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® processor)

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: 200 prints/roll
- 1/2 YMCKO: 400 prints/roll
- KO: 600 prints/roll
- 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
- 50-card input hopper capacity (0,76mm - 30mil)
- 30-card output hopper capacity (0,76mm - 30mil)
- Card thickness: 0,25 to 0,76mm (10 to 30mil)

Gauge adjustment:
0,25mm (10mil) only for monochrome printing

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):
- 195 x 205 x 315 mm (7.68" x 8.07" x 12.4")

Weight:
- 3,3 kg (7.3 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
Sound pressure in assistant positions LpAm (color mode YMCKO):
- When operating: 46 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 Lite card designer software
- Quick Start Guide
- Warranty booklet
- Starter cleaning kit
- USB cable (1.80m)
- Power supply
- Power cord (region specific)

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[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