EVOLIS

ELYPSO
Card printer specification

STANDARD PRINTER FEATURES

Printer design:
- Compact printer for front-desk environment
- 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: 20.2 s/card
- Color YMCKO-K: 27.3 s/card
- Monochrome: 6.5 s/card

Printer memory:
- 32 MB (RAM) standard, optional 64 MB[1]

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 alerts, etc.
- Easy to reach on/off button
- Easy to access technical parts thanks to side
- Drop-in cassette with easy handling
- Operator replaceable print head

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

OPTIONAL PRINTER FEATURES
- On-site dual-sided printing activation by a RFID
- Reject tray: 30 cards (0.76 mm - 30 mil)
- Wireless range: wireless connection 802.11 b/g
- Color LCD touch-screen
- 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 cardPresso XXS Lite for designing and editing badges:
- Internal database up to 50 records
- Signature acquisition (compatible with Evolis Sig100 Sig200 and SigActiv signature pads)
- User interfaces available in 28 languages
- Compatible with Windows® 10, 8, 7, Vista (32/64-bit), Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019 and Mac OS (64-bit Processor only) from 10.7 onwards.

Delivered with Evolis Premium Suite® for Windows®:
- Printer driver (Windows certification)
- Evolis Print Center for administration and settings
- Evolis Printer Manager for graphical notification[3]
- User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch, Simplified Chinese, Traditional Chinese, Japanese, Korean, Russian, Polish, Turkish, Farsi
- Compatible with Windows® 10, 8, 7 (32/64-bit), Windows Server 2008 R2 (64 bits only), Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 (32/64-bit).

Delivered with a driver for Mac OS (from 10.11 onwards)

Linux upon request (RPM installation packages & DEB installation packages)

Detailed OS driver compatibility available on www.evolis.com

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

PRINTER RIBBON SPECIFICATIONS
The Elypso 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
- 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
- Manual feeder: card to card printing
- Card thickness: 0.50 to 1.25 mm (20 to 50 mil)

No gauge adjustment
Case by case for 0.25 mm (10 mil) 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 314 mm (7.68" x 8.07" x 12.36")
  With reject tray:
- 195 x 205 x 415 mm (7.68" x 8.07" x 16.34")

Weight:
- 2.95 kg (6.5 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
- Quick Start Guide
- Warranty booklet
- Starter cleaning kit
- USB cable (1.80m)
- 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