

# evolIS

Identify what matters

## Elypso



PERFECT  
INTEGRATION

CONFIGURATION  
ON DEMAND

EASE OF USE



PRINTER



## The Versatile Front-Desk Card System

The **Elypso** printer was designed for all your individual plastic card printing and personalization needs: monochrome or color, with multiple encoding options. Specially developed for use at customer-facing counters, **Elypso** fits seamlessly with your existing systems and is your best choice for instant card personalization.



### Configuration on demand

- According to your needs, Elypso can print either **single or dual sided cards**.
- The printer can also be equipped with encoders for **magnetic stripe and contact and contactless smart cards**.



### Perfect integration

- The software architecture of Evolis Premium SDK was designed **to make Elypso fit seamlessly with your existing computer systems**.
- Very compact (barely bigger than a standard letter size sheet of paper) and quiet, Elypso is discreet and has a small footprint.



### Ease of use

- Thanks to Elypso's **unique front-loading design**, insertion and retrieval of cards make it easy to access even in tight spaces.
- With the Evolis Premium Suite® software you can receive notifications and easily control the printer from your computer.



## ELYPSO

- Automatic ribbon recognition and set-up
- Easy handling
- USB connectivity
- Ethernet TCP/IP connectivity
- Optional reject tray

- Manual feeder: card to card printing
- LED control panel
- On-site configuration by adding specific modules
- All encoding options

- Manual card feeder model with a color touch screen to interact with the printer

# Main Features

## General features

- Direct-to-card dye-sublimation/ Resin thermal transfer
- Edge-to-edge printing, single-sided, upgrade kit for dual-sided printing as an option
- Standard 300 x 300 dpi resolution
- Customizable 300 x 600 dpi resolution (color and monochrome printing) or 300 x 1200 dpi resolution (monochrome printing only)
- 32 MB memory (RAM) standard - optional 64 MB<sup>1</sup>

## Printing performances<sup>2</sup>

- Single side:
  - Color (YMCKO): 20.2 s per card
  - Monochrome: 6.5 s per card
- Dual side (YMCKO-K): 27.3 s per card

## Interfaces

- USB (1.0, 1.1, 2.0, 3.0), cable supplied
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)
- 802.11b/g wireless connection as an option

## Card management and specifications

- Manual feeder: card to card printing
- Reject tray: 30 cards (0.76 mm - 30 mil) as an option
- Card thickness: 0.50 to 1.25 mm (20 to 50 mil), no gauge adjustment, case by case for the 0.25 mm/10 mil plastic cards
- Card types: PVC cards, composite PVC cards, PET cards, ABS cards<sup>1</sup>, special varnished cards<sup>1</sup>
- Card format: ISO CR80 - ISO 7810 (53.98 mm x 85.60 mm)

## Additional encoding modules

- Available modules:
  - Magnetic stripe encoder ISO 7811 HiCo/LoCo, JIS2
  - Smart contact station ISO 7816-2
  - Contact smart card encoder - PC/SC, EMV 2000-1
  - Contactless smart card encoder - ISO 14443A, B, ISO15693, MIFARE, DESFire, HID iCLASS, UHF (standard compliance: EPC C1 Gen2 / ISO18000-6C ETSI EN 302 208 or FCC part 15.247)
  - Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on site

## Safety

- Support for Kensington<sup>®</sup> security lock
- Data encryption for magnetic encoding<sup>1</sup>

## Display

- Printer LEDs
- Color touch screen as an option
- Graphical notifications from the printer<sup>2</sup>: cleaning alerts, empty/low level ribbon alert, etc.

## Evolis High Trust<sup>®</sup> ribbons

To maximise the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use Evolis High Trust<sup>®</sup> ribbons.

- Automatic identification and setting
- Delivered in a drop-in cassette for easy handling
- Ribbon saver for monochrome printing

List of ribbons available on [www.evolis.com](http://www.evolis.com)

## Software



- Delivered with Evolis Premium Suite<sup>®</sup> for Windows<sup>®</sup>:
  - Printer driver
  - Evolis Print Center for printer administration and settings
  - Evolis Printer Manager for graphical notification<sup>3</sup>
  - 24/7 online support
  - Compatible with Windows<sup>®</sup> (32/64 bits): XP SP3, Vista, W7, W8, W10
- Delivered with a driver for Mac OS X (from 10.6)
- Linux upon request
- Evolis Premium SDK for remote supervision of the printer, while facilitating and speeding up integration into IT systems

## Eco-friendly design, certifications and statement of compliance

- Standby, sleep modes & reduced energy consumption
- CE, FCC, ICES, VCCI, CCC, KC, BIS
- EAC<sup>4</sup>
- RoHS

## Size and weight

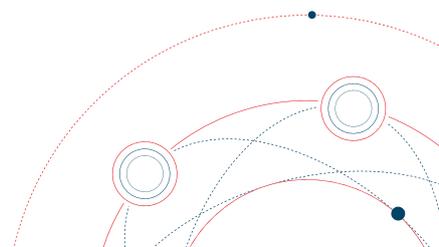
- Size (H x W x D): 195 x 205 x 314 mm (7.68" x 8.07" x 12.36")
- Weight: 2.95 kg (6.5 lbs)

## Warranty

- 1-year warranty (printer and print head)<sup>5</sup>
- Warranty extension available as an option

<sup>1</sup> Under specific conditions / <sup>2</sup> Depends on the Windows<sup>®</sup> version / <sup>3</sup> Requires the .net 4.0 client profile version /

<sup>4</sup> Depending on the printer model / <sup>5</sup> Warranty subject to observance of specific conditions and use of Evolis High Trust<sup>®</sup> ribbons





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## A GLOBAL PROVIDER OF IDENTIFICATION SOLUTIONS

- ◎ **Worldwide leader** in card personalization systems for decentralized issuance
- ◎ **International expertise and local support** through a network of 400 distributors in 140 countries
- ◎ A unique ability to meet specific customer requirements with a **Project department dedicated to design and construction of tailor-made solutions**
- ◎ **Evolis is ISO 9001 certified**, which reflects our comprehensive approach, both in terms of quality and continuous improvement

[www.evolis.com](http://www.evolis.com)

### HQ / EUROPE - MIDDLE-EAST - AFRICA

Evolis - 14 avenue de la Fontaine - ZI Angers-Beaucouzé  
49070 - Beaucouzé - FRANCE  
T +33 (0) 241 367 606 - F +33 (0) 241 367 612 - [info@evolis.com](mailto:info@evolis.com)

### USA - CANADA

Evolis Inc. - Providence - RI - USA - [evolisinc@evolis.com](mailto:evolisinc@evolis.com)

### LATIN AMERICA

Evolis Inc. - Fort Lauderdale - FL - USA - [evolisinc@evolis.com](mailto:evolisinc@evolis.com)

### ASIA - PACIFIC

Evolis Asia Pte Ltd - Singapore - [evoliasia@evolis.com](mailto:evoliasia@evolis.com)

### CHINA

Evolis China - Shanghai - [evolischina@evolis.com](mailto:evolischina@evolis.com)

### INDIA

Evolis India - Mumbai - [evolisindia@evolis.com](mailto:evolisindia@evolis.com)