

# Elypso

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.



## THE VERSATILE FRONT-DESK CARD SYSTEM

Elypso is ideal for instant issuance of:

- Payment cards
- Transit passes
- Loyalty cards / gift cards
- Healthcare cards

### CONFIGURATION ON DEMAND

Elypso printers are fully modular. Not only can Elypso print either single or dual sided cards, it can also be equipped with **encoders** for magnetic stripe and contact and contactless smart cards.

The software architecture of Evolis Premium Suite® was designed to make Elypso **fit seamlessly** with your existing computer systems.

### PROFESSIONAL PRINT QUALITY

Elypso uses the same print engine as our Primacy printer, which offers **photographic print quality** (resolution 300 dpi).

Optimal color rendering and **edge-to-edge** color or monochrome printing ensure professional quality cards.

### EASE OF USE

Elypso is so easy to use, you can start printing cards immediately. There's **no need to spend time and money on training**.

Thanks to Elypso's **unique front-loading design**, insertion and retrieval of cards makes 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.

Evolis High Trust® printing ribbons are **easy to install** and automatically recognized by the printer.

### SPACE SAVING

**Very compact** (barely bigger than a standard letter size sheet of paper) and **quiet** (48 decibels in operation), Elypso is discreet and has a small footprint.

The cables and connectors are located at the rear to reduce cable clutter.

### LESS WAITING TIME

With Elypso, get a personalized dual sided color card **in less than 30 seconds!**

Save time and impress your clients with fast card delivery, that will boost your organizations brand image.

### SUSTAINABLE INVESTMENT

Elypso is designed with **carefully selected materials**, and our **quality and compliance testing** guarantee high reliability so you **save on maintenance and/or repair costs**.

In addition, Elypso is upgradeable so you can **manage your investment** as your needs evolve.

### ECO-DESIGN



As part of our eco-design system aimed at reducing the environmental footprint of our products, **Evolis**:

- ▶ **uses recycled materials** in the manufacture of our printers and consumables whenever possible,
- ▶ designs compact and lightweight printers to **reduce CO<sub>2</sub> emissions** from transportation and packaging,
- ▶ **reduces the power consumption** of its printers through a very economical hibernation mode.

# Elypso

- Automatic ribbon recognition and set-up
- Easy handling



- Manual feeder: card to card printing
- LED control panel
- On / Off button that's easy to reach



- USB connectivity
- Ethernet TCP/IP connectivity
- Optional reject tray

- On-site configuration by adding specific modules
- All encoding options

## GENERAL FEATURES

- Single-sided or dual-sided printing module
- Edge-to-edge printing
- Color dye sublimation, monochrome thermal transfer
- 300 dpi print head (11.8 dots/mm)
- 16 million colors
- 16 MB memory (RAM)

## PRINTING PERFORMANCES<sup>1</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

## OPTIONAL FEATURES

- Upgrade kit for dual-sided printing
- Reject tray: 30 cards (0.76 mm - 30 mil)
- Wireless connection 802.11b/g

## 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
  - Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on site

## INTERFACES

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

## SAFETY

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

## DISPLAY

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

## CARD MANAGEMENT AND 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 the 0.25 mm/10 mil plastic cards
- Card types:
  - PVC cards
  - Composite PVC cards
  - PET cards
  - ABS cards<sup>3</sup>
  - Special varnished cards<sup>4</sup>
- Card format: ISO CR80 - ISO 7810 (53.98 mm x 85.60 mm)

## EVOLIS HIGH TRUST® 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® ribbons.

- Ribbon capacity:
  - YMCKO: 300 prints/roll
  - YMCKO-K: 200 prints/roll
  - ½ YMCKO: 400 prints/roll
  - ½ YMCKO-KO: 250 prints/roll
  - KO: 600 prints/roll
  - Black monochrome ribbon: 2000 prints/roll<sup>5</sup>
  - Other monochrome ribbons: 1000 prints/roll<sup>5</sup>
  - Hologram varnish: 400 prints/roll
  - SO-KO: 250 prints/roll
- Automatic identification and setting
- Delivered in a drop-in cassette for easy handling
- Ribbon saver for monochrome printing

## SOFTWARE

- Delivered with Evolis Premium Suite® for Windows®:
  - Printer driver
  - Evolis Print Center for printer administration and settings
  - Evolis Printer Manager for graphical notification<sup>4</sup>
  - 24/7 online support
  - Compatible with Windows®: XP SP3, Vista 32/64, W7 32/64, W8 32/64
- Linux upon request
- SDK upon request

## ECO-FRIENDLY DESIGN, CERTIFICATIONS AND STATEMENT OF COMPLIANCE

- Standby, sleep modes & reduced energy consumption
- CE, FCC, IEC, VCCI, CCC
- ErP 2009/125/CE
- RoHS

## POWER

- Power supply: 100-240 Volts AC, 50-60 Hz, 1.8 A
- Printer: 24 Volts DC, 3 A

## 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: open 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

## PACKAGING CONTENT

- Printer
- CD-ROM with printer drivers, user manuals
- Cleaning kit
- USB cable
- Power supply and cord

## 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> Time measured from the card's insertion detected by the sensor until the flip engine stops during ejection / <sup>2</sup> Depends on the Windows® version / <sup>3</sup> Under specific conditions / <sup>4</sup> Requires the .net 4.0 client profile version  
<sup>5</sup> Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons

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