

# ▶ dualys ◀

The dual-sided color plastic card printer



Color & Monochrome  
Thermal Transfer



300 dpi



Dual-Sided



29 seconds/card  
(YMCKO/K)



0.25-1 mm  
(10-40 mil)



2 years

**evolis**

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

# dualys



**With its speed, high-quality printing, numerous encoding capabilities and user-friendliness**, the **Dualys** is the best dual-sided card customization solution on the market.

Just as effective for monochrome thermal transfers as it is for color dye sublimation, the **Dualys** produces high-resolution prints that are comparable to photographic quality.

Absolutely versatile, the **Dualys** includes the latest magnetic stripe, smart card or contactless encoding options. All of these encoding techniques are combinable, which allows you to customize your production of sophisticated cards in a single pass. In addition to its 100-card feeder box, its optional manual card feeder instantly turns the **Dualys** into a front-desk printer.

All of these possibilities pave the way for innovative applications in many sectors: identification, biometric security, leisure, loyalty, transportation, education and banking.

Effective, versatile and user-friendly, the **Dualys** dual-sided color printer is the ideal solution for all your needs, from timely printing to high-volume customization.



## Print mode

- Color dye sublimation and monochrome thermal transfer
- Edge-to-edge printing standard

## Printer specifications

- Dual-sided printing module
- Integrated ribbon saver for monochrome printing

## Print speed

- 150 cards/hour in full color (YMCKO), one side
- 125 cards/hour in full color (YMCKO/K), two sides
- Up to 1000 cards/hour in monochrome<sup>1</sup>, one side
- Up to 350 cards/hour in monochrome<sup>1</sup>, two sides

## Resolution

- 300 dpi (11,8 dots/mm)

## Software supplied

- eMedia Card Designer Software to design and issue badges
- Compatible with Windows™ NT 4.0 / 2000 and Xp

## Windows™ drivers

- For Windows™ NT 4.0 / 2000 and Xp

## Warranty

- Printer: 2 years
- Print head: 2 years, unlimited number of prints<sup>2</sup>

## Ribbon types

- Monochrome: 1000 cards/roll (black, blue, red, green, white, gold, silver and scratch off)
- BlackWAX monochrome ribbon (for ABS and special varnished cards): 1000 cards/roll
- 2 panel black monochrome ribbon (KO): 500 cards/roll
- 5 panel color ribbon (YMCKO): 200 cards/roll
- Half-panel color ribbon (YMCKO): 400 cards/roll
- 6 panel color ribbon (YMCKO/K): 200 cards/roll
- Hologram ribbon: 350 cards/roll

## Card loading modes

- Automatic with feeder or hand-feed

## Options

- Serial port (available upon study)
- Manual card feeder
- 100-card additional feeder
- Cleaning kits

## Other models

- **Dualys Mag**  
Printer with HICO/LOCO magnetic stripe encoder - ISO 7811 or JIS2
  - **Dualys Smart**  
Printer with smart card contact station - ISO 7816-2  
Printer with smart card contact station and EMV 2000 coupler
  - **Dualys Contactless**  
Printer with Contactless smart card coupler - ISO 14443 - ISO 15693 (other standards upon request)
- 1 - Under specific conditions  
2 - Clause governing the use of Evolis consumables

## Card types

All PVC, Composite PVC, PET, ABS and special varnished cards

## Card format

ISO CR-80 - ISO 7810 (53,98 mm x 85,60 mm - 3.375" x 2.125")

## Card thickness

From 0,25 mm (10 mil) to 1 mm (40 mil)

## Card feeder capacity

300 cards (0,25 mm - 10 mil) - 100 cards (0,76 mm - 30 mil)

## Card output hopper capacity

300 cards (0,25 mm - 10 mil) - 100 cards (0,76 mm - 30 mil)

## Printer size

Height: 235 mm (9.25") - Length: 447 mm (17.59") - Width: 237 mm (9.33")

## Printer weight

7,4 Kg (16.31 lbs)

## Connections

USB and parallel Centronics ports (cables supplied)

## Electrical

110-230 Volts CA, 60-50 Hertz

## Environmental

- 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: free air

