

# ▶ 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

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# 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

## Card format

## Card thickness

## Card feeder capacity

## Card output hopper capacity

## Printer size

## Printer weight

## Connections

## Electrical

## Environmental

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

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

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

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

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

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

7,4 Kg (16.31 lbs)

USB and parallel Centronics ports (cables supplied)

110-230 Volts CA, 60-50 Hertz

- 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

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