

# Dualys<sup>3</sup>

The dual-sided color printer for plastic card personalization



Color &  
Monochrome  
Thermal  
Transfer



300 dpi



Dual-sided



29 s/card



0.25 - 1 mm  
(10 - 40 mil)



3 years

**evolis**

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

From bulk personalization of cards to individual card printing, Dualys 3 is the one-stop color printer for dual-sided personalization of badges, sterling quality and robust security.

Thanks to the most advanced printing engine in the market, Dualys 3 prints high-definition badges within seconds. This solution benefits from the latest encoding technologies: ISO or JIS2 magnetic tracks, and smart card with contact or contactless (RFID). These encoding options can be combined to personalize multifeatured cards in a single pass, paving the way to a wide range of market applications in various industries: identification, biometric security, transport, financial institutions, educational organizations, loyalty programs, and leisure.

Dualys 3 comes with a detachable 100-card feeder. Yet, you can also use it as a compact badge or card counter, thanks to a manual feed option that prints your badges one by one.

Because the Evolis products have earned market-proven reliability, Evolis is committed even further to superior quality and introduces a 3-year warranty on the full Dualys 3 range of printers.

#### GENERAL SPECIFICATIONS

- Color printing module
- 300 dpi print head (11.8 dots/mm)
- USB connection
- Option for Ethernet TCP-IP connection
- 16 MB RAM allowing two card storages (front & back)
- Flip-over station for dual-sided printing
- Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)
- Output hopper with a capacity of 100 cards (0.76 mm - 30 mil)
- 1-Button and 4-LED control panel

#### PRINT MODES

- Color dye sublimation and monochrome thermal transfer
- Enhanced color management system for top quality pictures
- Edge-to-edge printing
- Dual-sided printing
- Integrated ribbon saver for monochrome printing

#### PRINTING SPEED

Personalization throughput will depend on card design and printer settings

- Color 1 side (YMCKO): 150 cards/hour
- Color 2 sides (YMCKO-K): 125 cards/hour
- Monochrome 1 side: up to 1000 cards/hour <sup>1</sup>
- Monochrome 2 sides: up to 350 cards/hour <sup>1</sup>

#### SUPPORTED PLATFORMS

- Windows™ XP, 2003 and Vista, 32 & 64 bits
- Mac™ OS X v10.2, 10.3 and 10.4
- Linux

#### SOFTWARE SUPPLIED

- eMedia Card Designer Software for designing and editing badges
- Compatible with Windows™ XP, 2003 and Vista
- Connection to Microsoft™ Excel databases

#### RIBBON TYPES

- 2-panel KO black monochrome ribbon - 500 cards/roll
- 5-panel YMCKO color ribbon - 200 cards/roll
- 6-panel YMCKO-K color ribbon - 200 cards/roll
- Half-panel YMCKO color ribbon - 400 cards/roll
- Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)
- Special ribbons:
  - Varnish hologram - 350 cards/roll
  - Scratch-Off - up to 1000 cards/roll

#### OPTIONS

- Encoding options (can be combined):
  - Magnetic stripe encoder ISO 7811 HiCo/LoCo or JIS2
  - Smart contact station - ISO 7816-2
  - Smart contact station and encoding unit - PC/SC, EMV 2000-1
  - Contactless encoding unit - ISO 14443A, B, ISO 15693, Mifare, DesFire, HID iCLASS
  - Other types upon request
- 100-card additional feeder
- Manual card feeder
- Travel bag
- Cleaning kits

#### WARRANTY

Use Evolis Genuine products for best performance and extended lifespan of your printer

- Printer, print head: 3-year warranty, unlimited number of passes <sup>2</sup>



- Card types
- Card format
- Card thickness
- Card feeder capacity
- Card output hopper capacity
- Printer size
- Printer weight
- Connections
- Electrical
- Environmental

- All PVC, Composite PVC cards, PET, ABS <sup>1</sup> and special varnished <sup>1</sup> 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) - Dual-sided printing recommended from 0.50 mm (20 mil)
- 100 cards (0.76 mm - 30 mil), 300 cards (0.25 mm - 10 mil)
- 100 cards (0.76 mm - 30 mil), 300 cards (0.25 mm - 10 mil)
- Height: 235 mm (9.25") - Length: 447 mm (17.59") - Width: 237 mm (9.33")
- 7.4 Kg (16.31 Lbs)
- USB (cable supplied) - Option for Ethernet TCP-IP
- Power supply: 110-230 Volts AC, 1.8 A, 60-50 Hertz  
Printer: 24 Volts DC, 3 A
- 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



1. Under specific conditions.

2. Subject to observance of specific conditions and use of Evolis genuine consumables.



EUROPE, MIDDLE EAST, AFRICA

Evolis Card Printer  
29, Avenue de la Fontaine - Z.I. Angers-Beaucouzé  
49070 Beaucouzé - France  
Tel: +33 (0) 241 367 606 - Fax: +33 (0) 241 367 612  
info@evolis.com



Phone: 03-9935-9435  
Fax: 03-9935-9437  
Email: sales@cardbase.com.au  
Web: www.cardbase.com.au