

# Print and encode your cards **on both sides!**

The high-performance, dual-sided color printer to personalize cards individually or in bulk

# Dualys<sup>3</sup> Essential



**Dualys3** is the benchmark printer to personalize cards in medium to large runs, or to instantly issue sophisticated cards.

**Dualys3** matches premium-quality graphics, with fast throughput and autonomy. The printer comes with the latest innovations in consumables and encoding, and therefore, supports any type of cards while providing premium and unmatched efficiency.

## AUTONOMY AND EFFICIENCY



**Dualys3** comes with a feeder and an output hopper, both with a capacity of 100 cards. These features make the printer ideal to deliver cards in medium to large runs. With a stunning throughput of 125 cards per hour in dual-sided mode, **Dualys3** guarantees a smooth process with minimum user intervention.

**Dualys3** also has a manual feeder that turns it into a card-by-card printer.

## APPLICATIONS

Healthcare organizations, educational institutions, banks, governmental agencies and service bureaus rely on **Dualys3** to issue:

- Payment cards
- ID cards
- Student IDs
- Secured access control badges
- Driver's licenses
- Transit passes



## BENEFITS

### ■ Premium performances

For dual-sided color printing (YMCKO-K), **Dualys3** stands out from the crowd as one of the fastest printers in its category, providing high-quality graphics, whether in color or in monochrome. With its dual-sided printing engine, **Dualys** rises to meet any ID need the user may have.

### ■ Sophistication in cards

**Dualys3** benefits from world-class technology that supports the most stringent standards to encode magnetic stripes, as well as contact or contactless smart cards. For example, **Dualys3** delivers student IDs loaded with features: e-purse, access control to premises, transit pass, payment at the cafeteria and access to libraries.

### ■ State-of-the-art technology

**Dualys3** has been designed to offer a wide variety of options to its users. Its internal USB hub makes it possible to connect specific encoders, while the USB and Ethernet TCP/IP ports make it possible to network it and link it to systems operating with Windows, Mac OS X or Linux.

A kiosk version is also on hand to set up self-service terminals.

A programming guide and development kits are also available for developers.

**evolIS**  
card printers



**Dualys<sup>3</sup>**  
Essential

**Printing and encoding cards in color and on both sides.  
This is Dualys3.**

**SPECIFICATIONS**

- Color printing module, 300 dpi print head (11.8 dots/mm)
- USB (cable supplied) & Ethernet TCP-IP connections
- 16 MB of RAM: memory resource for two cards in color for both sides.
- Flip-over station for dual-sided printing
- Output hopper with a capacity of 100 cards (0.76 mm, or 30 mil)
- Control panel with 1 button and 4 LEDs
- Cover color: Ocean Blue
- RoHS-compliant

**PRINTING**

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

**OPTIONS & ACCESSORIES**

- 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
- Additional 100-card feeder
- Manual card feeder
- Travel bag
- Cleaning kit

**RIBBONS**

- 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 1,000 cards/roll (black, red, green, blue, white, gold and silver)
- Special ribbons:
  - Hologram varnish: 350 cards/roll
  - Scratch-Off: up to 1,000 cards/roll
  - BlackWAX monochrome ribbon (for ABS & special varnish plastic cards): up to 1,000 cards/roll

**PRINTING SPEED**

- Color 1 side (YMCKO): 150 cards/hour
- Color 2 sides (YMCKO-K): 125 cards/hour
- Monochrome 1 side: up to 1,000 cards/hour<sup>(1)</sup>
- Monochrome 2 sides: up to 350 cards/hour<sup>(1)</sup>

**CARD FORMAT**

- ISO CR-80 – ISO 7810 (53.98 mm x 85.60 mm – 3.375" x 2.125")

**CARD TYPE**

- All PVC, Composite PVC cards, PET, ABS<sup>(1)</sup> and special varnished<sup>(1)</sup> cards

**CARD THICKNESS**

- From 0.25 mm<sup>(2)</sup> (10 mil) to 1 mm (40 mil)
- Dual-sided printing, from 0.50 mm (20 mil) recommended

**RESIDENT FONTS**

- Arial 100, Arial bold 100
- Barcode: Code 39, 2/5 interlaced

**SUPPORTED PLATFORMS**

- Windows™ 7, XP and Vista (32 & 64 bits)
- Drivers for Windows™ 2003 and 2000 available on demand
- Macintosh™ OS X v10.2 – 10.6
- Linux

**SUPPLIED SOFTWARE**

- eMedia Card Designer Software for designing and editing badges
  - Compatible with Windows™ 7, XP, Server 2003 and Vista 32 & 64 bits
  - Link to Microsoft™ Excel databases

**INTERFACE**

- USB (cable supplied) & Ethernet TCP-IP connections

**SIZE OF THE PRINTER**

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

**WEIGHT OF THE PRINTER**

- 7.4 Kg (16.31 Lbs)

**POWER SUPPLY**

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

**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: free air

**WARRANTY**

- 3 years (printer and print head), unlimited printouts<sup>(3)</sup>

<sup>(1)</sup> Under specific conditions

<sup>(2)</sup> 0.25 mm (10 mil) cards should be used only for printing in monochrome

<sup>(3)</sup> Warranty Subject to observance of specific conditions and use of Evolis High Trust® consumables

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