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

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

Dualys3

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 an outstanding print speed and maximum uptime. The printer comes with the latest innovations in consumables and encoding, and therefore supports any type of cards while providing unmatched efficiency.

FLEXIBILITY 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

Dualys3

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 connection (cable supplied) ■ 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	■ Ethernet TCP-IP, available as an option ■ 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 ■ 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[1] ■ Monochrome 2 sides: up to 350 cards/hour[1]
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[1] and special varnished[1] cards
CARD THICKNESS	■ From 0.25 mm (10 mil)[2] 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 port (cable supplied), Ethernet TCP-IP available as an option
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[3]

[1] Under specific conditions
[2] 0.25 mm (10 mil) cards should be used only for printing in monochrome
[3] Warranty Subject to observance of specific conditions and use of Evolis genuine consumables

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