Dualys³

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

From bulk personalization of cards to individual card printing, Dualys³ 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, **Dualys³** 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.

Dualys³ 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 **Dualys³** 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 [1]
- Monochrome 2 sides: up to 350 cards/hour [1]

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 [2]

Card types	• All PVC, Composite PVC cards, PET, ABS [1] and special varnished [1] 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) - Dual-sided printing recommended from 0.50 mm (20 mil)
Card feeder capacity	• 100 cards (0.76 mm - 30 mil), 300 cards (0.25 mm - 10 mil)
Card output hopper capacity	• 100 cards (0.76 mm - 30 mil), 300 cards (0.25 mm - 10 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 (cable supplied) - Option for Ethernet TCP-IP
Electrical	• Power supply: 110-230 Volts AC, 1.8 A, 60-50 Hertz / Printer: 24 Volts DC, 3 A
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

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

EVOLIS

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