

# Dualys<sup>3</sup>

Technical data & specifications

## Target markets:

- Identification
- Biometric security
- Education
- Transit
- ePayment
- Leisure



From bulk personalization of cards to individual card printing, Dualys<sup>3</sup> 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<sup>3</sup>** 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.

**Dualys<sup>3</sup>** 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<sup>3</sup>** range of printers.

## Standard Ship kit :

- Dualys<sup>3</sup> printer
- Power supply
- Power cord
- USB cable
- eMedia Card designer  
*Incl. Excel database*
- XP, 2003 and Vista drivers
- Cleaning starter kit
- 3-Year warranty
- RoHS compliant



This datasheet provides details regarding the above-mentioned item integrated into an Evolis printer. Please note that specifications and details are subject to change without notice and should therefore be confirmed by Evolis prior to any purchase.

**evolis**

**Main Characteristics**

Dual-sided color printing module  
300 dpi print head (11.8 dots/mm)  
USB port  
16 MB RAM allowing two card storages (front & back)  
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

**Options & Accessories**

USB & Ethernet TCP-IP ports, internal USB Hub  
Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)  
Manual card feeder for front-desk operation  
Dualys Travel Bag

**Color**

Ocean Blue cover  
White housing

**Encoding options**

*(Can be combined together)*

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®, HID PROX®  
*Other types upon request*

**Print mode**

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  
Integrated ½ Panel YMCKO picture management

**Performance**

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

**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 1000 cards/roll (black, red, green, blue, white, gold and silver)  
Varnish hologram - 350 cards/roll  
Scratch-Off - up to 1000 cards/roll

**Supported platforms**

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

**Software supplied**

eMedia Card Designer Software Standard Edition for designing and editing badges  
Connection to Microsoft™ Excel databases  
Data Import & Export feature  
Magnetic encoding  
Unlimited version

**Cards characteristics**

Types	All PVC, Composite PVC cards, PET, ABS1 and varnished1 cards		
Format	ISO CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 3.375" x 2.125")		
Thickness	From 0.25 mm (10 mil) to 1 mm (40 mil) - Dual-sided printing recommended	from 0.50 mm (20 mil)	

**Warranty**

Printer, print head: 3-year warranty, unlimited number of passes, subject to observance of specific conditions and use of Evolis genuine consumables  
Use Evolis Genuine products for best performance and extended lifespan of your printer

**Size & dimensions**

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)

**Electrical & Environmental**

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

**Miscellaneous**

RoHS compliant

  
www.IDWholesaler.com  
(800) 321-4405  
6585 Edenvale Boulevard, Suite 120  
Eden Prairie, MN 55346

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