

Dualys³

The dual-sided color printer for plastic card personalization



Color &
Monochrome
Thermal
Transfer



300 dpi



Dual-sided



29 s/card



10 - 40 mil
(0.25 - 1 mm)



3 years



www.ttsys.com



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 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 storage of two cards (front & back)
- Flip-over station for dual-sided printing
- Detachable feeder with a capacity of 100 cards (30 mil - 0.76 mm)
- Output hopper with a capacity of 100 cards (30 mil - 0.76 mm)
- 1-Button and 4-LED control panel

PRINT MODES

- Color dye sublimation and monochrome thermal transfer
- Enhanced color management system
- 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/hour¹
- Monochrome 2 sides: up to 350 cards/hour¹

SUPPORTED PLATFORMS

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

SUPPLIED SOFTWARE

- eMedia Card Designer Software for designing and editing badges
- Compatible with Windows™ 7, XP, Server 2003 and Vista 32 & 64 bits
- 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
 - BlackWAX monochrome ribbon (for ABS & special varnished plastic cards) - 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, UHF
 - Other types upon request
- 100-card additional feeder
- Travel bag
- Manual card feeder
- 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 passes²

Dualys³ Contactless Gen 2 available!

Supported Standards: EPC1 Gen 1, EPC1 Gen 2, ISO 18000-6C, ISO 18000-6B
Printer Connection: USB / Contactless connection: USB Hub

Part Number	Product Description
DUA3010CH-00SY	Dualys ³ Contactless, USB, SKYETEK M9 GEN2, Ocean Blue



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, ABS¹ and special varnished¹ cards
- ISO CR-80 - ISO 7810 (3.375" x 2.125" - 53.98 mm x 85.60 mm)
- From 10 mil (0.25 mm) to 40 mil (1 mm) - Dual-sided printing recommended from 20 mil (0.50 mm)
- 100 cards (30 mil - 0.76 mm), 300 cards (10 mil - 0.25 mm)
- 100 cards (30 mil - 0.76 mm), 300 cards (10 mil - 0.25 mm)
- Height: 9.25" (235 mm) - Length: 17.59" (447 mm) - Width: 9.33" (237 mm)
- 16.31 Lbs (7.4 Kg)
- USB (cable supplied) - Option for Ethernet TCP-IP
- Power supply: 100-240 V AC, 50-60 Hz, 1.8 A - Printer: 24 V DC, 3 A
- Min/max operating temperature: 59° / 86° F (15° / 30° C)
- Humidity: 20% to 65% non-condensing
- Min/max storage temperature: 23° / 158° F (-5° / +70° C)
- 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.



TransTech Systems
12142 NE Sky Lane, Suite 130
Aurora, OR 97002
Tel: 1.888.843.3643 • Fax: 503.682.0166
Email: sales@ttsys.com
www.ttsys.com