



## Pravelio

### Card printer specification

#### STANDARD PRINTER FEATURES

##### Print technology:

- Direct-to-card
- Dye-sublimation/resin thermal transfer

##### Print capability:

- 2 printing modules
- Edge-to-edge, single or dual-sided printing
- Manual card feeder
- 3 x 100-card feeders (0.76 mm - 30 mil)

##### Print resolution:

- 16 million colors
- Standard resolution: 300x300 dpi (dots per inch)

##### Printer design:

- Color touch-screen display (7")
- LEDs on the printing modules

##### Printing performance:

- Magnetic stripe encoding, single-sided monochrome printing: 33 sec per card

##### Embedded PC:

- 4GB DDR 1.6GHz and a 32GB SSD disk, Celeron N3160 microprocessor
- 1.4GHz, 1 GB LPDDR2 SDRAM and Micro SD format

##### Interface:

- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)

##### Safety:

- Electromechanical locking system with optional dual access control
- Support for Kensington® security lock
- Data encryption SSL/TLS, supports 3DES and AES-256
- Kineclipse® process for masking the residual data left on the printing ribbon

##### Warranty<sup>1</sup>:

- 2-year warranty (printer and print head)
- Warranty extension available as an option

#### CARD SPECIFICATIONS

- 3 automatic feeders with a capacity of 100 cards (0.76 mm - 30 mil)
- Manual insertion and return with bezel
- Output hopper capacity: 40 cards (0.76 mm - 30 mil)
- Locked reject hopper: 40 cards (0.76 mm - 30 mil)
- Card types accepted:
  - ISO CR80 - ISO 7810 (53.98 mm x 85.60 mm)
  - PVC, Composite PVC

#### ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 30 mil cards only)
- Magnetic stripe encoder JIS Type II
- ISO 7813 smart card contact station for 3rd party external contact encoder
- Contact smart encoder - PC/SC, EMV 2000-1
- Contactless ISO 14443A, B, ISO 15693, MIFARE, DESfire, HID iCLASS, LEGIC (standard compliance: EPC C1 Gen2 / ISO18000-6C ETSI EN 302 208 or FCC part 15.247)
- Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on-site

#### EMBOSSING/INDENTING OPTION

- Wheel capacity: 120 characters in stainless steel
- Indenting unit: reverse - OCR B1
- Standard type of characters: Farrington = OCR 7B (10 characters and Standard Gothic (42 characters)
- Other sets of specific characters for embossing or indenting available on request

#### SOFTWARE

Evolis Banking range SDK hosting Mosaic technology for the development of system management and enabling secure communication.

##### Supported Operating System (Client side):

- Windows
- Mac
- Linux
- Android
- IOS

##### Supported devices (Client side):

- Desktop
- Laptop
- Tablet
- Smartphone

##### Communication protocols:

- TCP/IP

#### PRINTER RIBBON SPECIFICATIONS

The Pravelio is designed to work only with Evolis High Trust® ribbons.

To maximize the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use Evolis High Trust® ribbons.

- Automatic ribbon identification
- Low ribbon/end of ribbon graphical notification
- Delivered in a drop-in cassette for intuitive installation and easy handling
- Ribbon saver for monochrome printing
- Recyclable supply cores and cassette
- Recycled packaging
- Indenting ribbons black and white
- Ribbon capacity:**
  - YMCKO: 200 prints/roll
  - YMCKO-K: 200 prints/roll
  - 1/2 YMCKO: 400 prints/roll
  - 1/2 YMCKO-KO: 250 prints/roll
  - KO: 600 prints/roll
  - Black monochrome ribbon: up to 2,000 prints/roll (integrating ribbon saver)
  - Monochrome ribbons: 1,000 prints/roll

Y=Yellow, M=Magenta, C=Cyan, K=Black Resin

O=Overlay, S=Silver

#### PRINTER SPECIFICATIONS

##### Physical dimensions (H x W x D):

- 336 x 407 x 630 mm (13.23" x 16.02" x 24.80")

##### Weight:

- 32.5 kg (71.65 lbs)

##### Electronic requirements:

- Power supply: 100-240 Volts AC, 50-60 Hz, 5.7 A
- Printer: 24 Volts DC, 2.7 A

#### OPERATING 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

#### CERTIFICATIONS / COMPLIANCES

- Standby mode & reduced energy consumption
- CE, FCC, ICES, VCCI, EAC, BIS
- RoHS
- Recyclable packaging

#### INCLUDED WITH THE PRINTER

- Warranty booklet
- Two starter cleaning kits
- Ethernet cable
- Declaration of conformity
- Quick installation guide
- Mains power cable
- Pravelio personalization system.

<sup>1</sup> Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons