![EVOLIS logo]

Privelio XT
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)
· Embossing module and indenting unit

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 (dual-side):
· Encoding magnetic stripe, monochrome printing, embossing + rear indenting: 64 s per card

Embedded PC:
· 4GB DDR 1.6GHz and a 32GB SSD disk, Celeron 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:
· 2-year warranty[1]:
  - Printer units: unlimited inserted card number
  - Embossing module: within the limit of 25,000 cards
· Warranty extension available as an option

EMBOSSING/INDENTING
· 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

ENCODING OPTIONS
· Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 30mil 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

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 Privelio XT 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 (ribbon saver)
· Monochrome ribbons: 1,000 prints/roll

Y=Yellow, M=Magenta, C=Cyan, K=Black Resin
O=Overlay, S=Silver

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)
· Card output on embosser
· 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

PRINTER SPECIFICATIONS
Physical dimensions (H x W x D):
· 576 x 480 x 630 mm (22.67'' x 18.90'' x 24.80'')

Weight:
· 65.5 kg (144.40 lbs)

Electronic requirements:
· Power supply: 100-240 Volts AC, 50-60 Hz, 5.7 A
· Power supply embossing module: 100-240 Volts, 50-60 Hz, 1.7 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 temparature: -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
· Two wing screws
· Privelio personalization system
· XT embossing module.