KC MAX

CARD PRINTER SPECIFICATIONS

STANDARD PRINTER FEATURES

Printer design:
- Metal housing for smooth integration into kiosk terminal
- LED control panel on top of the printer

Print technology:
- Direct-to-card
- Dye-sublimation/resin thermal transfer

Print capability:
- One-or two-sided printing, edge-to-edge

Print resolution:
- 16 million colors
- Standard mode: 300x300 dpi (dots per inch)
  For standard monochrome and color printing
- Extended mode: 300x600 dpi (dots per inch)
  For enhanced monochrome and color printing
- Extended mode: 300x1200 dpi (dots per inch)
  For enhanced monochrome printing

Printer memory:
- 32 MB (RAM) standard

Interfaces:
- USB (1.0, 1.1, 2.0, 3.0)
- Ethernet TCP-IP, 10BaseT, 100BAseT (Traffic Led)

Safety:
- Data encryption for magnetic encoding

Warranty:
- 2-year warranty on printer[4]
- 2-year warranty on original print head (unlimited passes)[4]
- Warranty extension program

CARD SPECIFICATIONS

- 4 x 100-card input hopper capacity (0.76mm - 30mil)
- Optional Evolis LED flashing bezel: manual insertion and return of the cards
- Anti-insertion system in option on the Evolis bezel
- Possible integration of third-party bezel thanks to the flat sensor at the rear
- Lock reject box with 2 keys
- Ability to retract unretrieved cards
- Reject slots for defective cards
- Card thickness: 0.76 mm (30 mil)
- Input hopper low card level and empty detection

Card types accepted:
- ISO 7810 format, Type ID 1, CR-80 size
- 85.6 x 53.98 mm (3.370" x 2.125")
- PVC, Composite PVC

SOFTWARE

Delivered with Evolis Premium Suite® for Windows®:
- Printer driver (Windows certification)
- Evolis Print Center for administration and settings
- Evolis Printer Manager for graphical notifications[3]
- User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), Dutch Simplified Chinese, Traditional Chinese, Japanese Korean, Russian, Polish, Turkish, Arabic, Farsi
- Compatible with Windows® 10, 8, 7 (32/64-bit), Windows Server 2008 R2 (64 bits only), Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 (32/64-bit).

Delivered with a driver for Mac OS (from 10.12 onwards and later versions)

Linux upon request (RPM installation packages & DEB installation packages)

Detailed OS driver compatibility available on www.evolis.com

Evolis SDK for remote supervision of the printer, while facilitating and speeding up integration into IT systems

PRINTER RIBBON SPECIFICATIONS

The KC Max 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 and setting
- Delivered in a drop-in cassette for easy handling
- Ribbon saver for monochrome printing

Ribbon capacity:
- YMCKO: 300 prints/roll
- YMCKO-K: 200 prints/roll (dual-sided)
- 1/2 YMCKO: 400 prints/roll
- KO: 600 prints/roll
- Black monochrome ribbon: 2000 prints/roll
- Other monochrome ribbons: 1000 prints/roll

Full list of ribbons available on evolis.com

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

ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down
- 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
- Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on-site

PRINTER SPECIFICATIONS

Size (H x W x D):
- 314 x 417 x 540.5 mm (12.36''x 16.42'' x 21.26'') with feet: H: 332 mm (13.07'')

Weight:
- 21 kg (46.30 lbs)

Electronic requirements:
- Power supply: 100-240 Volts AC, 50-60 Hz, 1.7 A
- Printer: 24 Volts DC, 2.71 A

OPERATING ENVIRONMENT

- Standard operating temperature and humidity rate: 15° / 30° C (59° / 86° F) 20% to 65% non-condensing
- Min / Max operating temperature and humidity rate[2]: 0° / 40° C (32° / 104° F) 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

- Reduced energy consumption
- CE, FCC, ICES, pending (CCC, VCCI, BIS, KCC, EAC)
- RoHS

INCLUDED WITH THE PRINTER

- CD with drivers and documentation
- Starter cleaning kit
- USB cable (1.80m)
- Power supply
- Power cord (region specific)

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[1] Under specific conditions / [2] Under specific conditions and project qualifications / [3] Requires the.net 4.0 client profile version
[4] Warranty subject to observance of specific conditions and use of Evolis High Trust® ribbons