

KC Prime

Card printer specification

STANDARD PRINTER FEATURES

- Printer design:
- Compact printer
 - Metal housing for smooth integration into kiosk terminal
 - LED control panel
- 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
- Printing performance¹:
- Color YMCKO: 20.5 s per card
 - Color YMCKO-K: 28 s per card
 - Monochrome: 7 s per card
- 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-years warranty on printer⁴
 - 2-years warranty on original print head (unlimited passes)⁴

OPTIONAL PRINTER FEATURES

- USB encoding over IP through additional USB Net Server module, upon request
- Warranty extension program

ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 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- 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

- Delivered with Evolis Premium Suite® for Windows®:
- Printer driver (Windows certification)
 - Evolis Print Center for administration and settings
 - Evolis Printer Manager for graphical notifications³
 - User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), 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 10.11 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

- KC Prime 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

CARD SPECIFICATIONS

- 200-card input hopper capacity (0.76mm - 30mil)
- 100-card input hopper capacity (0.76mm - 30mil) without the cassette
- Manual insertion and card exit with optional LED flashing bezel (rear)
- Optional anti-insertion system in option with bezel
- Flat card sensor (rear/front) for optional integration of third party bezel
- Card exit in the kiosk terminal output tray (30 cards)
- Ability to retract unretrieved cards
- Reject slots for defective cards
- Card thickness: 20 to 50 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, PET
 - ABSI

PRINTER SPECIFICATIONS

- Size (H x W x D):
307 x 196 x 378 mm (12.09"x 7.72" x 14.88")
with feet: H: 322 mm (12.68")
- Weight:
- without bezel: 5.3 kg (11.68 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 rate²:
0° / 40° C (32° / 104° F)
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

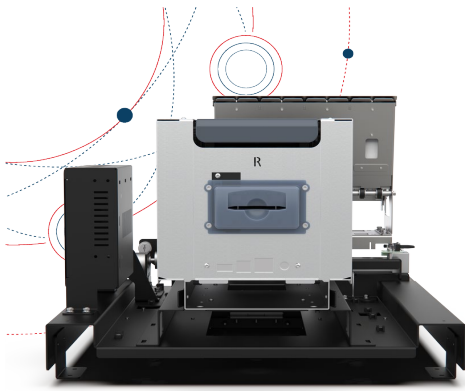
- Standby, sleep modes & reduced energy consumption
- CE, FCC, ICES, EAC, (pending : CCC, VCCI, BIS, KCC)
- RoHS
- Recyclable packaging

INCLUDED WITH THE PRINTER

- CD with drivers and warranty booklet
- Quick Start Guide
- Starter cleaning kit
- USB cable (1.80m)
- Power supply
- Power cord (region specific)
- Dust cover
- Feet kit

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



KC Max

Card printer specification

STANDARD PRINTER FEATURES

- Printer design:
- Metal housing for smooth integration into kiosk terminal
 - LED control panel
- 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 printing
 - Extended mode: 300x1200 dpi (dots per inch)
 - For enhanced monochrome printing
- Printing performance¹:
- Color YMCKO: 20.5 s per card
 - Color YMCKO-K: 28 s per card
 - Monochrome: 7 s per card
- 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-years warranty on printer⁴
 - 2-years warranty on original print head (unlimited passes)⁴

ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 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- 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

- Delivered with Evolis Premium Suite® for Windows®:
- Printer driver (Windows certification)
 - Evolis Print Center for administration and settings
 - Evolis Printer Manager for graphical notifications³
 - User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), 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

- 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

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

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 rate²: 0° / 40° C (32° / 104° F) 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

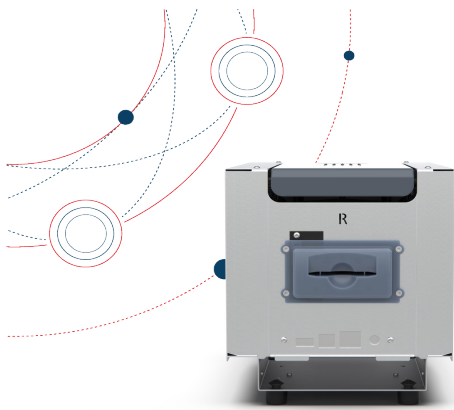
- Reduced energy consumption
- CE, FCC, ICES, EAC
- RoHS

INCLUDED WITH THE PRINTER

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

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



KC Essential Card printer specification

STANDARD PRINTER FEATURES

- Printer design:
- Compact printer
 - Metal housing for smooth integration into kiosk terminal
 - LED control panel
- 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 printing
 - Extended mode: 300x1200 dpi (dots per inch)
For enhanced monochrome printing
- Printing performance¹:
- Color YMCKO: 20.5 s per card
 - Color YMCKO-K: 28 s per card
 - Monochrome: 7 s per card
- 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-years warranty on printer⁴
 - 2-years warranty on original print head (unlimited passes)⁴

OPTIONAL PRINTER FEATURES

- USB encoding over IP through additional USB Net Server module, upon request
- Warranty extension program

ENCODING OPTIONS

- Magnetic stripe encoder ISO 7811, track 1, 2 and 3 high and low coercivity, stripe down (0.76mm - 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-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

- Delivered with Evolis Premium Suite® for Windows®:
- Printer driver (Windows certification)
 - Evolis Print Center for administration and settings
 - Evolis Printer Manager for graphical notifications³
 - User interface languages available: English, French, Spanish, German, Italian, Portuguese (Brazil), 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 10.11 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

- KC Essential 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

CARD SPECIFICATIONS

- Manual insertion and card exit with optional LED flashing bezel (rear and/or front)
- Flat card sensor (rear/front) for optional integration of third party bezel or input hopper
- LED flashing bezel (rear and/or front)
- Optional anti-insertion system in option with bezel
- Ability to retract unretrieved cards
- Reject slots for defective cards
- Card thickness: 20 to 50 mil

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, PET
- ABS¹

PRINTER SPECIFICATIONS

Size (H x W x D):
208 x 196 x 294 mm (8.19" x 7.72" x 11.57")
with feet: H: 223 mm (8.78")

Weight:
• without bezel: 5.3 kg (11.68 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 rate²:
0° / 40° C (32° / 104° F)
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

- Reduced energy consumption
- CE, FCC, ICES, EAC
- RoHS
- Recyclable packaging

INCLUDED WITH THE PRINTER

- CD with drivers and warranty booklet
- Quick Start Guide
- Starter cleaning kit
- USB cable (1.80m)
- Power supply
- Power cord (region specific)
- Feet kit

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