Zenius

The **Zenius** printer is designed for single-sided printing and encoding of any type of plastic cards. Zenius generates color or monochrome cards, individually or in small runs, with top quality results.

Zenius is a user-friendly, compact and cost-effective solution for delivering your personalized cards.

THE COMPACT AND AGILE CARD PRINTER

Zenius is ideal for instant issuance of single sided cards:

- Employee badges
- Access control badges
- Membership cards
- Loyalty cards / gift cards
- Transit passes

ECO-DESIGN

As part of our eco-design system aimed at reducing the environmental footprint of our products, **Evolis**:

- ▶ **uses recycled materials** in the manufacture of our printers and consumables whenever possible,

- ▶ designs compact and lightweight printers to **reduce CO_2 emissions** from transportation and packaging,

- ▶ **reduces the power consumption** of its printers through a very economical hibernation mode.

PROFESSIONAL PRINTING

Zenius printers produce **professional results** thanks to the 300 dpi resolution and edge to edge printing. Your logos, photos, barcodes and text are rendered perfectly on your cards, conveying a **positive image of your organization**.

SPACE SAVING

Zenius packs all its advanced features into a very small footprint. Hardly larger than a standard sheet of paper, Zenius is also very quiet - 46 decibels in operation - and **fits perfectly into any environment**, be it the office or a customer service counter.

EASE OF USE

Zenius was designed to be intuitive and easy to use. You insert your cards individually or use the automatic feeder, and the final product is delivered on the front of the printer.

With the Evolis Premium Suite® software you can receive notifications and **easily control the printer** from your computer.

Evolis High Trust® ribbons are **easy to install** and automatically recognized by the printer.

SCALABILITY

Zenius is incredibly flexible. Suitable for multiple applications, the «Expert» version of the printer features **combinable encoding functions**: magnetic encoding, contact and contactless chips. It takes just a few minutes to install these modules!

ON DEMAND PRINTING

Zenius was developed specifically for printing cards **individually or in small runs**. You can print as needed, when needed, in quantities that are right for you. Zenius can print a **color card in 30 seconds** and up to 150 color cards per hour, so you and your customers **don't have to wait**.

LASTING INVESTMENT

Zenius printers undergo quality and compliance testing to guarantee their robustness and performance, so you can be sure that your **investment will last**. What's more, Evolis offers an extended warranty option for **extra peace of mind**.

evolis
card printers

Zenius

- Automatic ribbon recognition and setup
- Easy handling

- USB connectivity
- Ethernet TCP/IP connectivity on the Expert version

- Manual or automatic card feeder and output tray
- LED control panel
- Easy to reach On / Off button

- On-site or factory configuration by adding specific modules (Expert version)
- Combinable magnetic stripe encoder and smart card encoding station (Expert version)

GENERAL FEATURES
- Single-sided printing module
- Edge-to-edge printing
- Color dye sublimation, monochrome thermal transfer
- 300 dpi print head (11.8 dots/mm)
- 16 million colors
- 16 MB memory (RAM)

PRINTING PERFORMANCES
- Color (YMCKO): 120 - 150 cards/hour[1]
- Monochrome: 400 - 500 cards/hour

OPTIONAL FEATURES
- Colors available: fire red & grey brown
- Expert version: Ethernet TCP-IP, encoding modules as options

ADDITIONAL ENCODING MODULES
- Available modules:
  - Magnetic stripe encoder ISO 7811 HiCo/LoCo, JIS2
  - Smart contact station ISO 7816-2
  - Contact smart card encoder - PC/SC, EMV 2000-1
  - Contactless smart card encoder - ISO 14443A, B, ISO15693, Mifare, DesFire, HID iCLASS
  - Other specific encoders upon request
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on site

INTERFACES
- USB (1.0, 1.1, 2.0, 3.0)
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led) on the Expert version

SAFETY
- Support for Kensington® security lock
- Data encryption for magnetic encoding

DISPLAY
- Printer LEDs
- Graphical notifications from the printer[2]: cleaning alerts, empty/low level ribbon alert, etc.

CARD MANAGEMENT AND SPECIFICATIONS
- Choice of automated or manual feeding
- Feeder capacity: 50 cards (0.76 mm – 30 mil)
- Output hopper capacity: 20 cards (0.76 mm – 30 mil)
- Card thickness: 0.25 to 0.76 mm (10 to 30 mil), gauge adjustment
- Card types:
  - PVC cards
  - Composite PVC cards
  - PET cards
  - ABS cards[1]
  - Special varnished cards[1]
- Card format: ISO CR80 - ISO 7810 (53.98 mm x 85.60 mm)

EVOLIS HIGH TRUST® RIBBONS
To maximise the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use Evolis High Trust® ribbons.
- Ribbon capacity:
  - YMCKO: 200 prints/roll
  - ½ YMCKO: 400 prints/roll
  - KO: 600 prints/roll
  - Black monochrome ribbon: 2000 prints/roll
  - Other monochrome ribbons: 1000 prints/roll
  - Hologram varnish: 400 prints/roll
- Automatic identification and setting
- Delivered in a drop-in cassette for easy handling
- Ribbon saver for monochrome printing

SOFTWARE
- Delivered with Evolis Premium Suite® for Windows®:
  - Printer driver
  - Evolis Print Center for printer administration and settings
  - Evolis Printer Manager for graphical notification[3]
  - 24/7 online support
  - Compatible with Windows®: XP SP3 32/64, Vista 32/64, W7 32/64, W8 32/64
- Delivered with cardPresso XXS Lite for designing and editing badges:
  - Internal database up to 50 records
  - Signature acquisition (compatible with Evolis Sig100 and Sig200 signature pads)
  - Operating systems:
    - Windows®: XP SP3 32/64, Vista 32/64, W7 32/64, W8 32/64
    - Mac OS X (Intel® processor)
- Delivered with a driver for Mac OS X (from 10.5 onwards)
- Linux OS upon request

ECO-FRIENDLY DESIGN, CERTIFICATIONS AND STATEMENT OF COMPLIANCE
- Standby, sleep modes & reduced energy consumption
- CE, FCC, IEC, VCCI, CCC, KC
- ErP 2009/125/CE
- RoHS

POWER
- Power supply: 100-240 Volts AC, 50-60 Hz, 1.8 A
- Printer: 24 Volts DC, 3 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: open air

SOUND (EVALUATED ACCORDING TO THE ISO 7779 STANDARD)
Sound pressure in assistant positions LpAm (color mode YMCKO)
- When operating: 46 dB (A)
- In sleep mode: background noise level

PACKAGING CONTENT
- Printer
- CD-ROM with printer driver, user manuals
- Cleaning kit
- USB cable
- Power supply and cord

SIZE AND WEIGHT
- Size (H x W x D): 195 x 205 x 315 mm (7.68" x 8.07" x 12.4")
- Weight: 3.3 kg (7.3 lbs)

WARRANTY
- 2-year warranty (printer and print head)[4]
- Warranty extension available as an option

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

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KYOCERA Printhead

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