

# Pebble<sup>4</sup>

The color printer for plastic card personalization



Color &  
Monochrome  
Thermal  
Transfer



300 dpi



Single-sided



24 s/card



10 - 40 mil  
(0.25 - 1 mm)



3 years

**evolIS**

[www.evolis.com](http://www.evolis.com)

**Pebble<sup>4</sup> is designed to cater to all your requirements, be they small runs or bulk personalization of plastic cards. Pebble<sup>4</sup>, today, is the ideal solution for any type of application that requires single-sided printing of badges: employee badges, student IDs, access control badges, transport passes, loyalty cards, payment cards and many more.**

Thanks to the most advanced printing engine in the market, **Pebble<sup>4</sup>** delivers high-definition badges within seconds. This solution benefits from the latest encoding technologies: ISO or JIS2 magnetic tracks, and smart card with contact or contactless (RFID). These encoding options can be seamlessly combined to personalize multifeatured cards in a single pass.

**Pebble<sup>4</sup>** comes with a very convenient 100-card feeder. Yet, it can also turn into an elegant over-the-counter display, thanks to the manual feeding option that lets you print your badges, card by card, for instant delivery to the holder.

**Pebble<sup>4</sup>** comes in a splash of three different translucent colors that can be interchanged: switch from Fire Red to Jungle Green to Ocean Blue, and make sure **Pebble<sup>4</sup>** is always in line with your environment or taste.

The **Pebble<sup>4</sup>** range of printers proudly carries the stamp of Evolis' strong commitment to reliability, and therefore, benefits from unmatched quality along with a pioneering **3-year warranty**.

## GENERAL SPECIFICATIONS

- Color printing module
- 300 dpi print head (11.8 dots/mm)
- USB connection
- Option for Ethernet TCP-IP connection
- 16 MB RAM
- Detachable feeder with a capacity of 100 cards (30 mil - 0.76 mm)
- Output hopper with a capacity of 50 cards (30 mil - 0.76 mm)
- 1-Button and 4-LED control panel
- Printer colors: Ocean blue, Fire red or Jungle green

## PRINT MODES

- Color dye sublimation and monochrome thermal transfer
- Enhanced color management system
- Edge-to-edge printing
- Integrated ribbon saver for monochrome printing

## PRINTING SPEED

Personalization throughput will depend on card design and printer settings.

- Color (YMCKO): 150 cards/hour
- Monochrome: up to 1000 cards/hour<sup>1</sup>

## SUPPORTED PLATFORMS

- Windows™ XP, Server 2003 and Vista 32 & 64 bits
- Mac™ OS X v10.2, 10.3 and 10.4
- Linux

## SUPPLIED SOFTWARE

- eMedia Card Designer Software for designing and editing badges
- Compatible with Windows™ XP, Server 2003 and Vista 32 & 64 bits
- Connection to Microsoft™ Excel databases

## RIBBON TYPES

- 2-panel KO black monochrome ribbon - 500 cards/roll
- 5-panel YMCKO color ribbon - 200 cards/roll
- Half-panel YMCKO color ribbon - 400 cards/roll
- Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)
- Special ribbons:
  - Varnish hologram - 350 cards/roll
  - Scratch-Off - up to 1000 cards/roll
  - BlackWAX monochrome ribbon (for ABS & special varnished plastic cards) - up to 1000 cards/roll

## OPTIONS

- Encoding options (can be combined):
  - Magnetic stripe encoder ISO 7811 HiCo/LoCo or JIS2
  - Smart contact station - ISO 7816-2
  - Smart contact station and encoding unit - PC/SC, EMV 2000-1
  - Contactless encoding unit - ISO 14443A, B, ISO 15693, Mifare, DesFire, HID iCLASS
  - Other types upon request
- 100-card additional feeder: Ocean blue, Fire red or Jungle green
- Manual card feeder: Ocean blue, Fire red or Jungle green
- Travel case and bag      • Cleaning kits

## WARRANTY

Use Evolis Genuine products for best performance and extended lifespan of your printer.

- Printer, print head: 3-year warranty, unlimited number of passes<sup>2</sup>



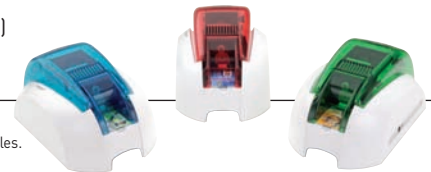
### Card types Card format

### Card thickness Card feeder capacity Card output hopper capacity Printer size Printer weight Connections Electrical Environmental

- All PVC, Composite PVC cards, PET, ABS<sup>1</sup> and special varnished<sup>1</sup> cards
- ISO CR-80 - ISO 7810 (3.375" x 2.125" - 53.98 mm x 85.60 mm)
- ISO CR-79 (3.303" x 2.051" - 52.10 mm x 83.90 mm) optional
- From 10 mil (0.25 mm) to 40 mil (1 mm)
- 100 cards (30 mil - 0.76 mm), 300 cards (10 mil - 0.25 mm)
- 50 cards (30 mil - 0.76 mm), 150 cards (10 mil - 0.25 mm)
- Height: 7.55" (192 mm) - Length: 15.59" (396 mm) - Width: 9.25" (235 mm)
- 13 Lbs (5.9 Kg)
- USB (cable supplied) - Option for Ethernet TCP-IP
- Power supply: 100-240 V AC, 50-60 Hz, 1.8 A - Printer: 24 V DC, 3 A
- Min/max operating temperature: 59° / 86° F (15° / 30° C)
- Humidity: 20% to 65% non-condensing
- Min/max storage temperature: 23° / 158° F (-5° / +70° C)
- Storage humidity: 20% to 70% non-condensing
- Operating ventilation: free air

1. Under specific conditions.

2. Subject to observance of specific conditions and use of Evolis genuine consumables.



# Pebble<sup>4</sup>

Technical data & specifications

## Target markets:

- Identification
- Leisure
- Loyalty
- Education
- Transit
- ePayment



Pebble<sup>4</sup> is designed to cater to all your requirements, be they small runs or bulk personalization of plastic cards.

It is the ideal solution for any type of application that requires single-sided printing of badges.

Thanks to the most advanced printing engine in the market, **Pebble<sup>4</sup>** delivers high-definition badges within seconds. This solution benefits from the latest encoding technologies: ISO or JIS2 magnetic tracks, and smart card with contact or contactless (RFID). These encoding options can be seamlessly combined to personalize multifeatured cards in a single pass.

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## Standard Ship kit :

- Pebble<sup>4</sup> printer
- Power supply
- Power cord
- USB cable
- eMedia Card designer
  - Incl. Excel database*
- XP, 2003 and Vista drivers
- Cleaning starter kit
- 3-Year warranty
- RoHS compliant

## Main Characteristics

Single-sided color printing module  
300 dpi print head (11.8 dots/mm)  
USB port  
16 MB RAM allowing two card storages (front & back)  
Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)  
Output hopper with a capacity of 100 cards (0.76 mm - 30 mil)  
1-Button and 4-LED control panel

## Options & Accessories

Pebble<sup>4</sup>-CR79 for CR79 & CR80 cards (printing only, no encoding)  
USB & Ethernet TCP-IP ports, internal USB Hub  
Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil)  
Manual card feeder for front-desk operation  
Pebble Travel Bag  
Pebble Travel Case

## Encoding options

*(Can be combined together)*

Magnetic stripe encoder ISO 7811 HiCo/ LoCo or JIS2  
Smart contact station - ISO 7816-2  
Smart contact station and encoding unit - PC/SC, EMV 2000-1  
Contactless encoding unit - ISO 14443A, B, ISO 15693, Mifare<sup>®</sup>, DesFire<sup>®</sup>, HID iCLASS<sup>®</sup>, HID PROX<sup>®</sup>  
*Other types upon request*

## Print mode

Color dye sublimation and monochrome thermal transfer  
Enhanced color management system for top quality pictures  
Edge-to-edge printing  
Integrated ribbon saver for monochrome printing  
Integrated ½ Panel YMCKO picture management

## Performance

Color 1 side (YMCKO): 150 cards/hour  
Monochrome 1 side: up to 1000 cards/hour

## Ribbons

2-panel KO black monochrome ribbon - 500 cards/roll  
5-panel YMCKO color ribbon - 200 cards/roll  
Half-panel YMCKO color ribbon - 400 cards/roll  
Monochrome ribbons - up to 1000 cards/roll (black, red, green, blue, white, gold and silver)  
Varnish hologram - 350 cards/roll  
Scratch-Off - up to 1000 cards/roll

## Supported platforms

Windows<sup>™</sup> XP, 2003 and Vista, 32 & 64 bits  
Mac<sup>™</sup> OS X v10.2, 10.3 and 10.4 (free download)  
Linux (free download)

## Software supplied

eMedia Card Designer Software Standard Edition for designing and editing badges  
Connection to Microsoft<sup>™</sup> Excel databases  
Data Import & Export feature  
Magnetic encoding  
Unlimited version

## Cards characteristics

Types	All PVC, Composite PVC cards, PET, ABS1 and varnished1 cards
Format	ISO CR-80 - ISO 7810 (53.98 mm x 85.60 mm - 3.375" x 2.125") ISO CR-79 (52.10 mm x 83.90 mm - 3.303" x 2.051") as an option
Thickness	From 0.25 mm (10 mil) to 1 mm (40 mil)

## Warranty

Printer, print head: 3-year warranty, unlimited number of passes, subject to observance of specific conditions and use of Evolis genuine consumables  
Use Evolis Genuine products for best performance and extended lifespan of your printer

## Weight & Size

Printer size Height: 192 mm (7.55") - Length: 396 mm (15.59") - Width: 235 mm (9.25")  
Printer weight 5.9 Kg (13 Lbs)

## Electrical & Environmental

Electrical	Power supply: 110-230 Volts AC, 1.8 A, 60-50 Hertz - Printer: 24 Volts DC, 3 A
Environmental	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

## Miscellaneous

RoHS compliant

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photo identification **for less**

[www.IDWholesaler.com](http://www.IDWholesaler.com)

(800) 321-4405

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This datasheet provides details regarding the above-mentioned item integrated into an Evolis printer. Please note that specifications and details are subject to change without notice and should therefore be confirmed by Evolis prior to any purchase.

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