



INTRODUCTION

Evolis is conducting for many years a general policy to improve the quality and features of his printer range. This document describes modifications and improvements from previous firmware release 1346 to the latest available from Evolis website version 1701 published on January 20th, 2017.

SUMMARY

Related printers' models:

- **Evolis Zenius**
- **Evolis Primacy**
- **Evolis Elypso**
- **Evolis KC200**
- **Evolis KC200B**
- **Primacy Lamination**

Firmware version – 1701	2
Firmware version – 1652	2
Firmware version – 1618	2
Firmware version – 1614	3
Firmware version – 1604	3
Firmware version – 1526	3
Firmware version – 1506	3
Firmware version – 1441	4
Firmware version – 1413	4
Firmware version – 1346	4

VERSION HISTORY

20/01/2017



Firmware version – 1701

IMPORTANT NOTICE: 1701 firmware version cannot be downgraded to previous firmware version.

- Memory initialization correction for all products made with firmware version older than 1604. #4457

18/01/2017



Firmware version – 1652

IMPORTANT NOTICE: 1652 firmware version cannot be downgraded to previous firmware version.

For printer equipped with following module, below update are required:

LCD:

- LCD: 1637.firm.
- LCD Bitmap: Dark_142.lcdbmp.

Lamination module (CLM):

- Lamination module: 1650_LAM.lamfirm.

Quality, Management and bug fix improvements:

Printer

- Overlay management improvement.
- Add locking system management.
- LCD management improvement.
- Improvement of the black mark detection on KO ribbon.
- Ethernet communication improvement.
- Commands sequence management. #4219
- Improvement of USB data transfer. #4059
- Improvement of magnetic data encoding. #4250

Lamination module (CLM)

- Improvement of the Lamination module management.
- Improvement of laminator black mark sensor adjustment.
- Added alternate ribbon management (lamination film).

LCD

- Improvement of status displayed on LCD during encoding. # 4297

02/09/2016

Firmware version – 1618

Quality, management and bug fixes improvements:

- Monochrome ribbon management with 600 – 1200 DPI resolution.
- Improvements of LCD display management.
- Limitation of current peak (110v-120 Volts) seen by the power supply.
- Half YMCKOKO ribbon synchronization issue. #4262

30/05/2016



Firmware version – 1614

IMPORTANT NOTICE: 1614 firmware version cannot be downgraded to previous firmware version.

Quality, management and bug fixes improvement:

- Compatible with LCD option.
- New Monochrome speed feature.
- Ethernet communication improvement.

18/02/2016



Firmware version – 1604

IMPORTANT NOTICE: 1604 firmware version cannot be downgraded to previous firmware version.

Quality, management and bug fixes improvement:

- Add support for new Evolis KC200 and KC200 b printer.
- TCP/IP communication improvement.
- Unichroma ribbon management for CORE product.
- Advanced cleaning speed management with the 'T' card.
- SOKO ribbon synchronization improvement.
- 600 and 1200 DPI printing improvement.
- Network IP address on technical test card. #3101
- Ribbon compatible Zoning. #3584
- Magnetic encoding message improvement with JIS configuration. #3605
- Improvement of returns message with the 'Sa' command. #3604
- Improvement of command to disable Low Card Sensor. #3603
- Improvement of returns message with the 'St' or 'Stt' commands when the printer is locked. #3586
- Printing improvement with yellow contrast setting higher than 12. #3585
- Printing improvement in double side with YMCKOK ribbon. #3803

10/07/2015



Firmware version – 1526

IMPORTANT NOTICE: 1526 firmware version cannot be downgraded to previous firmware version.

Quality, management and bug fixes improvement:

- New option of 300x600 DPI and 300x1200 DPI resolution for monochrome ribbon.
- New option of 300x600 DPI resolution for color ribbon.
- Add Rlr;e command to detect the ribbon end.
- Web Page correction.
- Add feeder configuration to set the motor speed for standard hopper or manual hopper.
- Add command Rdram.
- Add commands Pcsc and Rcsc to set the cleaning step.
- RFID tag's data reading Improvement.
- Add commands to manage the near empty sensor.
- Add specific sequence for Ethernet download in 600 and 1200 dpi mode.
- Quality Improvement on half panel ribbon. #3172
- Ethernet communication improvement. # 3325

13/02/2015

Firmware version – 1506

Quality, management and bug fixes improvement:

- Internal font replacement.
- Hopper full detection improvement.
- USB enumeration change, now the device is seen as USB2.0.
- Web page improvement (standby/sleep mode settings).

- Ethernet communication improvement.
- Magnetic head cleaning improvement.
- Add command Scp;Mag to clean magnetic head only.
- Quality Improvement on half panel ribbon. #3172
- USB communication improvement for Linux. #3219

14/10/2014

Firmware version – 1441

Quality, management and bug fixes improvement:

- Improvement on SOKO and 1/3 YMCKOK ribbon synchronization.
- New option on the Rlr command to know the hopper full state. "Rlr;h" will returns CARD or NO CARD. Rlr;h;1 will returns 1 (full) or 0 (empty).
- Improvement of hopper sensor sensibility.
- Monochrome compressed bitmap (Dbc) compatibility improvement. #2997
- Improvement of Dbmp over Ethernet for Linux Operating System. #3028
- Ethernet communication improvement for quicker answer of the printer. #3071
- Better card detection sharpness in the flip-over module. #3223

04/03/2014



Firmware version – 1413

IMPORTANT NOTICE: 1413 firmware version cannot be downgraded to previous firmware version.

Quality, management and bug fixes improvement:

- Elypso Printing quality correction (same quality level as Primacy).
- Half YMCKO ribbon management improvement.
- Improved "non-standard" printing sequence like YKO/KO with YMCKO ribbon.
- Sa;c command now available with KO ribbon
if the Sa;c command is sent with a KO ribbon, ensure to send again a Sa;c command if you replace the KO ribbon by a YMCKO.
- Add new special ribbons for project only.
- Increased general color ribbon synchronization.
- Motor management during magnetic encoding phase.
- Cleaning card detection.
- Improved panel count (more accurate) in case of specific printing sequence.
- Improved sleep mode management (prevent printer restart when going to sleep mode).

15/11/2013

Firmware version – 1346

Quality, management and bug fixes improvement:

- Ribbon synchronization feature command Prm;3;[0 or 1]
0 no ribbon synchronization after printer powered on (default)
1 Ribbon synchronization activated after power on
- Ribbon Synchronization improvement for KO ribbon.
- Disable ribbon movement after shutdown to enhance synchronization.
- Print density improvement for half and short panel ribbon.
- Step value changed for brightness and contrast (5% instead of 10%, more accurate, better printing quality).
- Color sensor management gain.
- Ethernet communication improved for Dbmp command.
- Magnetic encoding over Ethernet improved (ISO & JIS2).

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