

1 MATRIX FAMILY – DL.CODE 1.13.3 RELEASE NOTES

1.1 INTRODUCTION

This document describes the new **Maintenance release DL.CODE 1.13.3** with updated packages for **Matrix 220/320(X/XP)**, **Matrix 120** and **Blade 100/200**.

- *Description & Models Supported*
- *New Features & Improvements*
- *Changes and Fixes*
- *Tools & Documentation*
- *Release History*

1.2 DESCRIPTION & MODELS SUPPORTED

This software distribution includes:

- **DL.CODE™** User Interface release **1.13.3.21**
- The following packages for a firmware upgrade:
 - **Firmware packages** release **1.13.3_blade.77** for **Blade 100, Blade 200**
 - **Firmware packages** release **1.12.9.76** for **Matrix 220/220X/220XP, Matrix 320/320X/M320XP-2Mp-LQL/STS320/ STS320X**
 - **Firmware packages** release **1.8.10.7** for **Matrix 120**
 - **Firmware packages** release **1.8.7.44** for all other models **Matrix 210N/300N/410N/XRF410N/M450N**

Previous DL.CODE versions compatibility: *The DL.CODE 1.13.1 UI is fully backward compatible with devices running DL.CODE 1.0, 1.1, 1.2, 1.3, 1.4.x, 1.5.x, 1.6.x, 1.7.x, 1.8.x, 1.9.x, 1.11.x, 1.12.x, 1.13.x and their configurations. It is not strictly necessary to upgrade devices FW version. It is needed only if the improvements of this release are needed for the specific device.*

Version compatibility within synchro cluster: *It is always better to have a synchro cluster with DL.CODE devices running the same SW version. Moreover a unit running DL.CODE 1.5.x or 1.4.x cannot be connected as a slave in a cluster where the master version is lower than DL.CODE 1.2.0 Beta3.*

1.3 NEW FEATURES & IMPROVEMENTS

GUI 1.13.3.21

- added more accepted formats when performing 'Load' image function.
- updated "Scripting Engine Guidelines" technical note.

Firmware 1.13.3_blade.77

- added "Save Configuration" function which can work at any time during device operations.

Firmware 1.12.9.76

- integrate new VL version 5.16.08.02.

- [Spring] Integration of Release 1.2 Automatic Setup (with QR).
- updated Javascript engine.
- improved QR reading performances on non-uniform codes or with very thin quiet zone.

Firmware 1.8.10.7 (M120 only)

- updated VL version to 5.16.08.02.

1.4 CHANGES AND FIXES

GUI 1.13.3.21

- fixed: GUI don't keep login information when PC is disconnected to Internet
- fixed: Unrecoverable error occurs after adding Cropping Region while Test Mode is running
- fixed: Spring - Inconsistent progress bar state
- fixed: in some installations, the Matrix 220/320 simulator crashes trying to load Default configuration

Firmware 1.13.3_blade.77

- fixed: Wrong Default Statistics counters on default configuration
- fixed; Long phases (about 30 minutes) generates genesis crash
- fixed: Save configuration fails using 125Kb on "Internal Network Settings"
- fixed: Explicit modules setup in Asynchronous mode not working
- fixed: Images show strange white lines when using 'Test mode' with a configuration containing more than 2 'Image settings'

Firmware 1.12.9.76

- fixed: [Spring] Wrong VHPS illumination values at max level of brightness
- fixed: [M320X] The device reboots itself when opening the web monitor
- fixed: Device stuck after performing soft reboot on M220
- fixed: I/O status during soft reboot
- fixed: [M320X 5MP] Device crashed when resizing CR width to 256
- fixed: Minimum Cropping Region width is 256 unexpectedly for all 'X' devices

Firmware 1.8.10.7 (M120 only)

- fixed: Resync command with DAD enabled

Tools & Documentation

Matrix New Family software tools, support files and documentation (User Manuals, Configuration Guides, Technical Notes and many other things) are available for download at the address

- <http://www.datalogic.com>
(Support&Services > Downloads)

Releases History

DL.CODE 1.13.2

General maintenance

DL.CODE 1.13.1

General maintenance and support to Blade devices.

DL.CODE 1.12.6

General maintenance.

DL.CODE 1.12.5

General maintenance.

DL.CODE 1.11.15

General maintenance.

DL.CODE 1.11.14

Deprecated version for Readers Matrix 220X.

DL.CODE 1.11.13

Deprecated version for Readers Linux Based M220\220X\320.

DL.CODE 1.11.4

General maintenance.

DL.CODE 1.11.3

General maintenance. Support for Matrix EBC connection module.

DL.CODE 1.11.0

Support for Matrix 320 5 MP c-mount lens models.

DL.CODE 1.9.3

General maintenance. Support for Matrix 320 2 MP 6mm liquid lens models.

DL.CODE 1.9.2

General maintenance. Support for Matrix 320 2MP C-mount lens models.

DL.CODE 1.9.1

Package for Matrix 320, STS320.

DL.CODE 1.9.0

First Package Release for Matrix 320 only (no STS320).