

# 1 MATRIX FAMILY – DL.CODE 1.13.1 RELEASE NOTES

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## 1.1 INTRODUCTION

This document describes the new **Maintenance release DL.CODE 1.13.1** with firmware **1.13.1\_blade.59** for **Blade 100/200** devices and new packages **1.12.7.28** for **Matrix 220/320(X/XP)** family.

- *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 **1.13.1.52**
- The following packages for a firmware upgrade:
  - **Firmware packages** release **1.13.1\_blade.59** for **Blade 100, Blade 200**
  - **Firmware packages** release **1.12.5.28** for **Matrix 220/220X/220XP, Matrix 320/320X/M320XP-2Mp-LQL/STS320/ STS320X**
  - **Firmware packages** release **1.8.8.9** 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 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 1.13.1.52

- new simulators for M120 aligned with its latest package (1.8.8.9)
- new simulators for Blade
- new explicit modules for Blade Profinet configuration(GSDML and EDS files, manuals)
- updated GSDML and EDS files
- warning message in configuration in case of non-deterministic sequence of events

### Firmware 1.12.7.28

- change in the Profinet Stack of Matrix 220/320 X to support The Topology Management (SNMP)
- extension of script formatter to use callbacks on timeout or on events/inputs/channels
- extension of script formatter to use the standard formatter as an option
- added to Image object properties containing accelerometer measures, Encoder counter and physical I/O state, at the shooting time
- added management of Digimarc mirrored code (for models with Digimarc)
- added management of Maxicode legacy formatting

## 1.4 CHANGES AND FIXES

### GUI 1.13.1.52

- in Job Comparator, Output Channels in Script Formatter gets highlighted incorrectly
- in Job Comparator, SLMP Fieldbus does not get highlighted while Remote address IP is different
- Possible failure installation with win7 (framework 4.8 absence)
- There is no way to open a configuration saved on Matrix 320 in EBC without another Matrix connected to EBC
- Host Mode Programming shortcuts for hysteresis and threshold increases the ordinal when entering and exiting HMP

### Firmware 1.12.7.28

- decoding error on QR and Datamatrix in presence of webURL
- serial RS422 not correctly managed in Matrix X models
- SLMP save configuration fails
- device cannot trigger after removing cropping area and rotating image in Presentation mode
- 'Decoding Time' in Test Mode Data panel shows incorrect values
- M220/220X/320: Datamatrix Rectangular Extension DMRE code not decodable
- Matrix 220: Trigger Motion Event moves the lens

## 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 1.12.6**

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).