

1 MATRIX FAMILY – DL.CODE 1.11.4 RELEASE NOTES

1.1 INTRODUCTION

This document describes the new **Maintenance release DL.CODE 1.11.4/1.8.6** for all **Matrix 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 **1.11.4.20**
- The following package for a firmware upgrade:
 - **Matrix 320/STS320/Matrix 220** release **1.11.4.5**
 - **Firmware packages** release **1.8.6.11** for all other models;
Matrix 120/210N/300N/410N/XRF410N/M450N

Previous DL.CODE versions compatibility: *The DL.CODE 1.11.4 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 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

DL.CODE™ 1.11.4.20 User Interface

- New installer with installable component selection to minimize the footprint on disk C:\. (Full installation nearly 580MB – Lite installation nearly 180MB).

Firmware 1.8.6.11

- Support for BC412 codes Symbology.
- Support for ECC000/ECC140 codes Symbology.
- Statistical counters accessible through a new Host Mode Programming command GET_STATISTICS.

Firmware 1.11.4.5

- All features and improvements from 1.8.6.11 are included.
- Support for EBC Network through EBC connection module usable with SC5100
- A new parameter, Low PPE Optimization. Available for Datamatrix, it appears with Decoding Complexity High/Very High and it helps speed up decoding time if pixels per element are less than 4.

1.4 CHANGES AND FIXES

- (158999) Some trigger sources are suddenly disappeared after going back and forth between Reading Phase and other UI pages.
- (157780) ProfinetIO and HMS fieldbuses not working on version 1.11.3 and 1.8.5
- (156364) Motion Event arrow to 'Phase Off' is removed unexpectedly after entering Monitor mode.
- (156175) Distance Event 'Over Threshold' is not getting saved.
- (156050) Focus Calibration graph no longer updated when moving Focus line after adjusting Gain or Exposure Time.

Tools & Documentation

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

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

Release History

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).