

Gocator Firmware 5.3.24.6 – Release Notes

Firmware Version 5.3.24.6 for G200 sensors

Document Revision B

Compatibility

The Gocator 5.x web interface requires Chrome, Firefox or Edge. IE 11 is supported in a limited fashion (see known issues for details).

The 5.x releases are compatible with 4.x SDK.

General support for older hardware models continues, but new measurement tools and PROFINET are not available on the following sensor models:

- G1300
- G2300 A and B revisions

Improvements

<i>Recording input sensor messages</i>	Support has been added to both the SDK and example application for recording input sensor messages. This feature is to assist LMI in debugging system issues. Instructions for using the feature are included in the documentation as part of the Getting Started section.
<i>Number of completed boards</i>	The example application now displays the current number of completed boards received from the SDK.

Bug Fixes

<i>Misaligned background masking</i>	Previously, background masking of vision data was misaligned and did not completely cover the background when the vision X and Y resolution were not equivalent. This has been fixed.
<i>Calibration</i>	Previously no warning was produced during system calibration when the calibration bar did not span the full system. This would result in erroneous gains during the flat field calibration of vision sensors which led to colour artifacts during scans. In this release, a warning will be produced when the vertical edge of the calibration bar is detected (meaning it did not span the system in X)

<i>Coordinate system for Z obstructions</i>	Previously Z obstructions were defined in Settings.xml using a flipped coordinate system compared to the standard Gocator system. This has been fixed and the Settings schema version updated to 2. Older settings files on schema 1 will continue to be supported (their Z obstructions will be interpreted correctly without any changes required).
<i>Profile to vision misalignment</i>	Previously, profile to vision data was occasionally misaligned in Y after a system calibration. This has been fixed.

Known Issues

<i>Internet Explorer</i>	Several issues exist with Internet Explorer 11 when using large data sets due to browser memory limitations. Workaround: Refer to the Gocator user manual for IE 11 specific instructions to work around some of the issues.
<i>Translations incomplete</i>	Not all English text is translated in every language.

