



Gocator Firmware 4.1 Service Release 1 - Release Notes

Firmware Version 4.1.4.12

Document Revision C

This is Service Release 1 for release 4.1. For a complete description of release 4.1, refer to the original 4.1 release notes.

New Features

Low-level configuration through GenTL

The GenTL driver now allows low level configuration of any Gocator parameter.

Compatibility

Gocator 4.x firmware is NOT compatible with Gocator 3.x firmware. Users need to setup their configurations using the Gocator 4.x firmware. SDK users need to update their software to work with the Gocator 4.x SDK.

The Gocator 4.x Setup and SDK migration guides explain how to migrate from Gocator 3.x firmware to Gocator 4.x firmware. The migration guides can be downloaded from <http://www.lmi3d.com/resources/gocator/#how-to-guides>

Sensors upgraded to the Gocator 4.x firmware can downgrade back to Gocator 3.x firmware.

Users should back up their sensors before upgrading from Gocator 3.x firmware to Gocator 4.x firmware.

Gocator 4.x interface requires IE 9, Firefox or Chrome. Adobe Flash version 11 or above is also required.

Improvements

SDK sample code

Various minor improvements to the SDK sample code.

Merged Tools packages

The *Integration Tools* and *Tools* .zip download packages are now merged into one. You will find all tools and SDK samples in that one package.

Fixes

Feature box size causes Invalid or Overflow

In some rare cases, a small measurement tool vertical feature box size could cause an erroneous result of Invalid or Overflow for measurements. This is now corrected.

Unexpected stop at high scan rates

At reduced active area and high scan rates over 2700Hz, the sensor may stop unexpectedly. This is now corrected.

CSV Converter profile mode intensity

The CSV Converter tool now supports Profile Mode with intensity data.



<i>2880 Dynamic exposure</i>	The default dynamic exposure values for the Gocator 2880 model have been updated.
<i>Wide buddy mode with large offset</i>	If two sensors in buddy mode have a large offset beyond a certain size, a surface scan could not be shown in the web interface. This is fixed.
<i>Incorrect job name through GenTL</i>	The GenTL driver was not returning the correct job name. This is now fixed.
<i>GenTL driver causes delay in Common Vision Blox</i>	In Common Vision Blox, under some circumstances, there can be a delay in stopping an acquisition. This is now solved.

Known Issues

<i>SDK documentations search function</i>	SDK documentation search function may not work on some Chrome installation due to privacy settings.
<i>Incomplete language translations</i>	The web interface is not translated in some previously supported languages (i.e. Japanese and Korean).
<i>Gocator 2880 scheduled digital output</i>	Gocator 2880 supports both the two digital outputs but only one can be scheduled.
<i>Gocator 2375 support pulled back</i>	Gocator 2375 was initially announced with this release but has been pulled back after the release.

Protocol Changes

Protocol Version 101.2

No protocol changes were made.