

## Gocator Firmware 6.3 SR3

Firmware Version 6.3.10.10

Document Revision A

### Compatibility

#### Web Interface

- The web interface requires Chrome, Firefox or Microsoft Edge version 79 or later.
- IE 11 and old Edge versions are only supported in a limited fashion (see known issues for details).

#### Hardware

- Supported models
  - Gocator 2100C/D, 2300C/D, 2400, 2500, 2600, and 2800C series line profilers
  - Gocator 3200 and 3500 series snapshot sensors
- Older Gocator 1300, 2100A, 2300A/B, 2880A, and 3100 series sensors are *not* supported.

#### SDK

- The 6.x releases are compatible with the 4.x and 5.x SDK.

#### Windows 32-bit support removed

- Only 64-bit versions of Gocator Emulator, Accelerator and SDK binaries are available.

### Bug Fixes

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<i>Part Detection Crash</i>	Using Part Detection with no data in the first frame would cause a crash to occur.
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### Known Issues

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<i>HDR Mode in Support File</i>	HDR Mode settings are not displayed in the UI when a support file is loaded into the Emulator. While the HDR functionality is fully functional, its absence in the UI may affect usability when working on a 2600 Emulator scenario.
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<i>Factory Restore does not delete tool-created files</i>	Factory Restore does not delete files created by tools. This includes Surface Pattern Matching and Surface Track. To ensure tool files are removed from a sensor, add the appropriate tool and perform a “Delete” operation on any files.
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<i>Surface Track</i>	The Surface Track tool is not supported on the GoMax device.
<i>Surface Section</i>	With a profile from the Surface Section tool, it is not possible to obtain Global X & Y measurements from the Profile Bounding Box tool.
<i>Surface Blob</i>	Renaming some of the measurement outputs from Surface Blob is not supported. Though the change may appear to be made, it is not persisted when saving a job file.
<i>Script Tool</i>	<p>Memory leaks can occur when using <i>arrays</i> and <i>structs</i> within a script.</p> <p>Workaround: Avoid using arrays and structs or test thoroughly to ensure stability.</p>
<i>Zoom to rectangle</i>	In profile mode, when disabling 1:1 mode, zoom to rectangle does not fully zoom
<i>Translations incomplete</i>	Not all English text is translated in every language.
<i>EtherNet/IP</i>	<p>Due to a change in Rockwell Studio 5000 Logix Designer V34 and above, module tags for EDS AOP devices may not display correctly, or tag structures may change unexpectedly when creating or upgrading projects.</p> <p>Workaround: Install the latest Add-On Profile (AOP) update for ControlLogix Analog modules (version 40.14.70).</p> <p>For more information, see <a href="https://rockwellautomation.custhelp.com/app/answers/answer_view/a_id/150229">https://rockwellautomation.custhelp.com/app/answers/answer_view/a_id/150229</a>.</p>
<i>Internet Explorer 11</i>	<p>Several issues exist with Internet Explorer 11:</p> <ul style="list-style-type: none"> <li>• Launching and using additional data viewers is very slow.</li> <li>• Using large data sets may not be possible due to browser memory limitations. Workaround: Refer to the Gocator user manual for IE 11 specific instructions to work around some of the issues.</li> </ul>



## SDK and Protocol changes (Protocol version 101.21)

Protocol version is specified as [Major].[Minor]. Firmware releases with the same Protocol Major version are backward compatible and users do NOT need to recompile their applications unless features in the newer version are used.

The 6.x SDK will not discover any sensors with firmware 4.2 or earlier by default. Use `GoSystem_EnableDiscoveryCompatibility()` to enable discovery of sensors with older firmware.

### SDK

No changes were made compared to the 6.3 SR2 release.

### Configuration and Protocol changes

No changes were made compared to the 6.3 SR2 release.

### GDK

No changes were made compared to the 6.3 SR2 release.

