

BeamMic Readme
Version 2.12.1

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Section 1 - Change log

V2.12.1 05/16/2018

- Fixed incorrect fluence values displayed in 3D backplane and status bar.

V2.12 04/23/2018

- Upgraded FlyCap camera driver to 2.12.2
- Improved performance of most results.

V2.11.0 9/13/2017

- Upgraded PGR drivers to 2.11.164.
- Added support to auto upgrade installed drivers during installation.
- Improved reliability of the console service and data server interaction allowing connections to devices to be more stable.
- Fixed a memory leak in the automation interface.
- Fixed an issue where the application would not exit when running an automation client without the UI

V2.9.1 - 3/9/2017

- Due to limitations imposed by LabVIEW and the consumption of .NET dlls, an additional Spiricon.Automation.LabViewInjector object was created for LabView automation clients.

V2.9 – 2/14/2017

- Added automation interface.
- Fixed an issue where having an SP928 or SP907 and a custom ROI configured, the ROI width and height would be cut in half after performing an Ultracal.
- Fixed an issue where a custom ROI could not be restored from a saved setup for an SP928 or SP907.
- More reliable communication with SP928, and SP907 cameras.
- Other miscellaneous bug and instability fixes.

v2.8.1 - 8/3/2016

- Fixed inability to license cameras for the product.

V2.8 - 6/28/2016

- Full Windows 10 compatibility.
- Added support for SP907 and SP928 cameras.
- Enhanced application logging for diagnostics.

- Renamed application title to make it easier to identify in Task Manager.
- Fixed a calculation error that returned an incorrect plateau uniformity result.
- Fixed a presentation error that caused beam profiles on elliptical beams to display on the wrong axis.
- Fixed a licensing problem that prevented demo licensing.
- Fixed a problem in setup files saved with the setting of 2D elements of the 3D display turned off. The application would start but not become visible.

Section 2 - Errata and Workarounds

We work hard to find and correct any bugs in this software product. However, as of this release we still have a few tough bugs for which we have not found complete solutions. The following list details these bugs and offers recovery and work-around methods if available:

- Users with Adobe Reader X may see inconsistent behavior when using the What's This? feature. This is due to flaws in a new security feature in Adobe Reader X. Users can restore previous functionality of What's This? by disabling "Protected Mode" in the Reader X Preferences menu.
- Users with 1550nm phosphor-coated cameras should begin with one of the pre-canned 1550nm setups. All user-custom setups for these cameras should begin with the provided versions.

Section 3 - BeamMic Notes

Supported Operating Systems:

- Windows 10 (64 bit)
- Windows 7 (32-bit & 64-bit)

While BeamMic is a Windows 7/10 product, full BeamMic operation is expected in earlier Windows operating systems. Extensive testing has not and will not be performed in earlier operating systems; however, we have yet to encounter any major operational problems.

Documentation:

- A PDF version of the Operator's Manual is included with the installation. You must have Adobe Acrobat Reader in order to view this file. You can install Adobe Acrobat Reader from <https://get.adobe.com/reader/>.

Installation:

- It is recommended that all users are fully updated to the latest Windows Updates. If all updates are not applied to your system this may cause problems with BeamMic.
- You must have Administrative privileges in order to fully install BeamMic and the required camera driver package.

If you suspect you have found a bug in our software please help us identify it by sending a description of the actions that reproduce it and the .bmSetup file you were using at the time to

softwareqa@ophir-spiricon.com. The more information you can provide, the more likely we can reproduce it in our lab, and fix it.

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