REACTION Software Ver.9
PC Requirements

PG INSPECTION
T E C H N O L O G I E S

Is a New Computer/PC Necessary?

Today's PG1000 REACTION software requires a high-performance PC to run properly. Older versions of our software captured images and applied single calculations to the images whereas today's software is taking hundreds of calculations per second on live images. This requires a significant amount of computing power.

Computer details can be found under System Information or by right clicking on My Computer or This PC and selecting properties.

- Operating System
  - **32 bit – must replace PC**
  - **64 bit - OK**
- Processor
  - **i3 – must replace PC**
  - **i5 – upgrade suggested, performance issues (i.e. lagging) may occur. Crashing may occur when using edge detection features.**
  - **i7 – OK**
- RAM
  - **2GB – must replace PC**
  - **4GB – upgrade suggested, performance issues (i.e. lagging) may occur. Crashing may occur when using edge detection features.**
  - **8+GB – OK**
- Windows
  - **Windows 8/Vista/XP – must upgrade to Windows 10**
  - **Windows 7 - must upgrade to Windows 10**
  - **Windows 10 – OK**
  - **Windows 11 – NOT TESTED**
- Graphics Card
  - Required for 4K systems/model UI358x cameras

We can not upgrade software during a service call if the PC does not meet these minimum requirements.

Upgrade Information

Part No.	Description
00087-5P	High-performance PC with REACTION Software preloaded

Contact PG Inspection Technologies for a quotation or for additional help.
Please have your PG1000 model and serial number, camera model and serial number, software version number and computer information available.

www.pg1000.com   pg@pg1000.com   (262) 946-5420

Examples:

This computer will need to be replaced. The current REACTION software will not run on 32-bit operating systems.

System

Manufacturer:	Dell
Model:	Optiplex 390
Rating:	**5.0** Windows Experience Index
Processor:	Intel(R) Core(TM) i3-2120 CPU @ 3.30GHz 3.30 GHz
Installed memory (RAM):	3.00 GB
System type:	32-bit Operating System

This computer will require a Windows 10 update but even after the update there may be performance issues (image lag or crashing) due to the older i5 processor and only having 4GB of RAM. Ideally the user would upgrade to an i7 processor, 8-16GB of RAM and Windows 10Pro.

Device Manager
Remote settings
System protection
Advanced system settings

Windows edition
Windows 7 Professional
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Service Pack 1
Get more features with a new edition of Windows 7

System

Manufacturer:	Dell
Model:	Optiplex 3010
Rating:	**5.3** Windows Experience Index
Processor:	Intel(R) Core(TM) i5-3450 CPU @ 3.10GHz
Installed memory (RAM):	4.00 GB
System type:	64-bit Operating System

This computer should work. It has a newer i5 processor and 8GB of RAM as well as Windows 10.

View basic information about your computer

Windows edition
Windows 10 Pro
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System

Processor:	Intel(R) Core(TM) i5-8500T CPU @ 2.10GHz 2.11 GHz
Installed memory (RAM):	8.00 GB (7.78 GB usable)
System type:	64-bit Operating System, x64-based processor

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