KeyShot for IronCAD
Amazing renderings...in minutes.

Easy, Fast, & Accurate Renderings
What is it?

KeyShot is a standalone 3D rendering and animation application for anyone with a need to quickly and easily create photo-realistic images of 3D data in minutes! KeyShot for IronCAD allows you to design and import models in the powerful tools from IronCAD and directly send them to KeyShot to create stunning realistic renderings. Details about KeyShot are described below:

Easy

You don’t have to be a rendering expert to create stunning images of your 3D models. Transfer your data into KeyShot from IronCAD products, drag and drop materials, adjust the lighting, and move the camera. Done. Everything happens right in front of your eyes, all in realtime.

CPU Powered

KeyShot doesn’t require any special hardware or graphics card. KeyShot takes full advantage of all cores and threads inside a computer. As your computer gets more powerful KeyShot becomes faster. The performance scales linearly with the number of cores and threads in your system.

Fast

Everything inside KeyShot happens in realtime. KeyShot uses unique rendering technology which makes it possible to see all changes to materials, lighting, and cameras instantly. You don’t need to hit the render button and wait hours or even minutes to get results.

Limitless

KeyShot can handle extremely large data sets. There are no restrictions on the size of the data set as long as the computer has enough memory available. KeyShot is highly optimized which makes it possible to work with models with tens of millions of polygons even on a laptop.

Accurate

KeyShot is the most accurate rendering solution for your 3D data. KeyShot uses scientifically accurate materials and real-world lighting. KeyShot has partnered with companies such as Axalta® (DuPont), Pantone®, RAL® and Mold-Tech® to simulate materials direct from the source.
Easy, Fast, & Accurate Renderings

Who Uses It?
Photo-realistic rendering takes place in realtime. Any changes made to materials, lighting, or cameras are displayed immediately. This allows designers and engineers to spend more time being creative and less time wrestling with technical issues and render times.

Tech Specs

Architecture
- CPU-based render engine Parallel architecture with full support for multi-core and hyper-threaded systems

Realtime ray tracing features
- Progressive global illumination
- Multi-core photon mapping
- Adaptive material sampling
- Dynamic lighting core

Scientifically accurate materials
- True physics-based materials with interactive adjustable properties including color, roughness, IOR, dispersion
- Dupont® paints
- Mold-Tech® plastics

Texturing and labels
- Dynamic texture mapping and control
- Image-based bump mapping with interactive height control
- Unlimited labels

Lighting
- Image-based HDRI lighting
- Brightness/Contrast control
- HDRI rotation and height control
- Physical lights including support for IES lights

Offline rendering features
- 4.1 megapixel output
- Alpha channel output
- Adaptive material sampling

What's included
- 700+ predefined materials, 50+ lighting, environments, quick start guide, hotkey list, manual

System Requirements
KeyShot for IronCAD
- Windows 7, 8 32/64 bit
- Intel or AMD processor
- 2GB of RAM or greater
- 500 MB hard drive or more
- Any graphics card
- KeyShot for IronCAD License

For more information, visit www.keyshot.com
Luxion, Inc., 18201 Von Karman, Suite 1180
Irvine, CA 92612 (P) +1 949-274-8871

Image credit from top left clockwise: Den K, Fuse Project, Ivan Karaic, Francois Kalife, Marco Di Luca, Mai Chinh
Keyshot for IronCAD

KeyShot for IronCAD allows IronCAD customers the ability to use the IronCAD products and the standalone KeyShot HD product together to design and create realistic renderings. Use the IronCAD products to design and import models using its easy and productive design approach. When you are ready to communicate your data, simply click the Render in KeyShot button on the Add-in Ribbon Bar in the IronCAD products to launch KeyShot for IronCAD and begin your rendering process.

Importing Data

The KeyShot for IronCAD version allows you to use IronCAD’s import capabilities to access data from other applications. Use the standard formats such as IGES, STEP, ACIS and Parasolid as well as a long list of graphical formats or consider the Trans Product to import native file formats such as Solidworks, Inventor, CATIA, Pro/E (CREO), and UG/NX.

Live Linking

Your 3D data sent to KeyShot can be updated in IronCAD products at anytime and can be updated in KeyShot. All materials applied in KeyShot to the data is preserved saving you time and allowing you to quickly create different representations of your designs.

Notes

- IronCAD 2014 or newer product installed.
- KeyShot for IronCAD add-on installed.
- Standalone KeyShot HD product installed.
- 30-Day Trial available for IronCAD and Keyshot for IronCAD.
- Continue to use KeyShot for IronCAD for free after the trial in a watermarked limited version.
- Purchasing of KeyShot for IronCAD is available through IronCAD Authorized Resellers.

Contact your local IronCAD Representative: