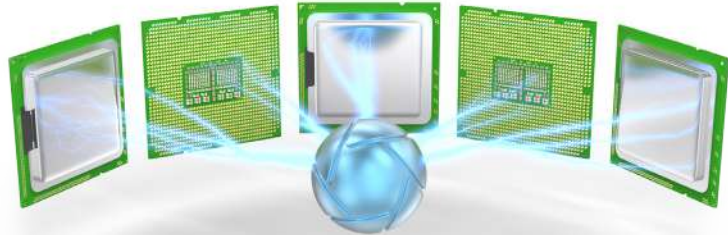


## CPU Powered

Harnessing the raw power of the CPU, KeyShot doesn't require any special hardware or graphics card. The more cores and threads in your computer, the higher the performance and faster the render times.



## Flexible

The ability to import many popular 3d file formats makes KeyShot the universal rendering tool for CAD models. Model hierarchy and part and assembly names are maintained making for a smooth transition between applications. With the ability to update changes without having to reapply materials or lighting, KeyShot saves time and spares frustration. In addition, KeyShot provides free plugins for many 3D CAD packages available.



## Limitless

KeyShot can handle extremely large data sets, making it possible to work with billions of polygons even on a laptop. With enough system memory there are no restrictions to what you can render.



Model credit: (Top)3Dmolier, (bottom) Courtesy of PTC

## Technical Specifications

### Architecture

- CPU-based render engine 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
- **Pro:** NURBS ray tracing

### Scientifically accurate materials

- True physics-based materials with interactive adjustable properties including color, roughness, IOR, transmission and dispersion
- Axalta® (DuPont) paints
- Mold-Tech® plastics
- Pantone® and RAL® color libraries

### Texturing and labels

- Dynamic texture mapping
- 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
- **Pro:** Realtime HDRI editing
- **Pro:** Sun and Sky lighting

### Animation (Add-on)

- Interactive setup, edit and playback of part and camera animations

### KeyShot Cloud

- Access to KeyShot's Online library where users can download new resources, and share their own custom assets

### KeyShotVR®

- Plugin-free HTML5 content creation for interactive viewing of high quality images in a web browser

### Offline rendering features

- 4.1 megapixel output
- Alpha channel output
- Adaptive material sampling
- Render output image editor
- **Pro:** Unlimited render resolution
- **Pro:** Turntable animation
- **Pro:** Region render
- **Pro:** Render queue
- **Pro:** Simultaneous offline and realtime rendering
- **Pro:** Render Layers

### Supported 3D formats

- Alias\*, AutoCAD, CATIA, Creo (Pro/Engineer), Inventor, NX, Maya\*, Parasolid, Rhinoceros, Sketchup, Solid Edge, SolidWorks, Collada, IGES, JT, OBJ, STEP, FBX Including part/camera animation, 3DS, STL, Allembic, 3DXML
- **Pro:** Output for 3D printing (STL, ZPR)

### Plugins (PC only)

- Creo, Pro/ENGINEER, Rhinoceros, SolidWorks, SketchUp, 3DS MAX, GrabCAD
- Third Party: Solid Edge, Geomagic Design, SpaceClaim, IronCAD, SolidThinking, Delcam

### What's included

- 500+ predefined materials, 50+ lighting environments, quick start guide, hotkey list, manual

### System Requirements

- Windows 7, 8 32/64 bit
- Mac OS X 10.6 or later
- Intel or AMD processor
- 2GB of RAM or greater
- 500 MB hard drive or more
- Any graphics card



Amazing renderings of 3D data. In minutes.



PLACE RESELLER INFO HERE

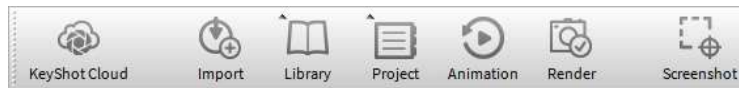
Model by Shaun Redsar

## What is it?

KeyShot is the first 3D rendering and animation application that breaks down the complexity of creating amazing photographic images from 3D data.

### Easy

You don't have to be a rendering expert to create stunning images of your 3D models. Import your data into KeyShot, drag and drop materials, adjust the lighting, and move the camera. KeyShot's simplified user interface makes rendering smooth and effortless.



Simple 7 button toolbar

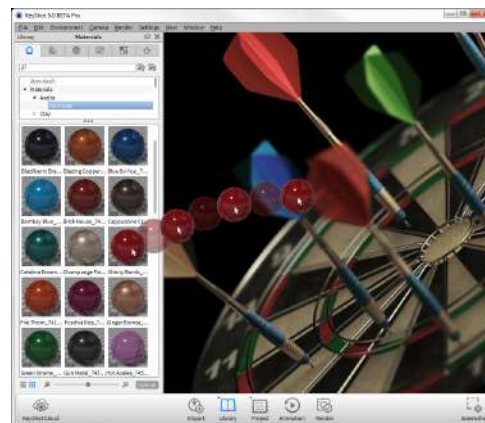
### Fast

KeyShot's unique rendering technology makes it possible to see all changes instantly. Materials, lighting, and cameras update live in realtime, making it possible to visualize your results before ever pressing the render button.



### Accurate

With scientifically precise materials and real-world lighting, KeyShot is the most accurate rendering solution for your 3D data. Partnerships with Axalta® (DuPont), Mold-Tech® Pantone®, and RAL® allow you to simulate colors and materials direct from the source.



## 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.



Automotive



Industrial Design



Jewelry



Engineering



Entertainment



Marketing



## KeyShot Cloud

Sign up for free access to KeyShot's large online library - populated with resources created by KeyShot users for KeyShot users. Opening the Cloud within KeyShot enables easy drag-and-drop downloading into your local Library with quick search features to find the perfect resources for your scene in seconds.

## Animation

With the ability to preview and playback live in realtime, KeyShot's node-based animation system makes setup fast and easy. Rather than relying on traditional keyframes, movements are applied individually to parts and cameras - minimizing complexity and maximizing flexibility.



## KeyShotVR®

KeyShotVR® brings the advantage of interactive 3D web viewing via desktop, laptop or mobile device to product portfolios and presentations. KeyShotVR® automatically generates an HTML5 code to be embedded into any website or company intranet, making it a turnkey solution for web content creation without the need of any additional plugins.

