

3D

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EXPLORE A VIRTUAL APARTMENT



Visiting an apartment/flat using virtual 3D photography is rapidly growing activity and now can be embedded in a PDF brochure. Arm-chair visitors can review properties and designs using prepared 3D PDF materials.

Panoramic Photography is rapidly expanding through the use of much lower cost cameras, software and a large supportive community of professional and semi-professional photographers.

This interior 360° panoramic photograph of an open-plan apartment in Austria was taken by a Ricoh Theta-S, a small compact camera specifically designed to capture the environment in one exposure. The camera has a wide spherical lens and captures the image with multiple digital imaging sensors.

Once the image is saved and uploaded, the image is adjusted and prepared for use in an interactive panorama viewing environment, similar to virtual reality. The Mac or Windows application PDF3D ReportGen from Visual

Technology Services transforms the image into a 3D dynamic view inside of a PDF document. Using the Adobe Reader or similar 3D PDF enabled viewer mouse pan, zoom and animation is available in a special illustration view-port inside the document page.

The conversion from image to 3D PDF supports 360° x 180° for a full spherical experience, or a narrower horizontal panorama with limited tilt. Uploading a larger number of still photos to a host PC is a further option, with panorama stitching software and editing performed on the PC rather than in-camera.

Left mouse button moves around, while right mouse (or Control-Mouse on Mac) zooms.

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