



Improve Depth Perception with MonoStereo® 3D Endoscopic Visualisation System

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MonoStereo® is a 3D endoscopic visualisation system suitable for any HD 2D endoscope system. It upgrades a 2D endoscope system without altering its features such as zoom-in, zoom-out and rotation of the lens.

3D visualisation provides a better image for Minimally Invasive Surgery (MIS) with depth perception. The 3D image with adjustable disparity provides customized 3D effects to serve different eye movement and visual perception of each surgeon in different operating environments. The MonoStereo® 3D is a fusion of advanced 3D technology.

Due to the compatibility, MonoStereo® functions well with hundreds of rigid, flexible and other endoscopes. There are no requirements to buy new equipment, or the need to throw out pre-existing endoscopes, cameras, and monitors. They have a seamless connection, without any workflow change during surgery. The system upgrades a 2D endoscope system without altering its features, such as zoom (in and out) and rotation of the lens. Endoscopes with any lens size or angle fits well with the MonoStereo® system.

With easy-set and easy-alter adjustable 3D effects, the new MonoStereo system features an advanced 3D technology that overcomes the limitations of conventional 3D systems and offers new aspect on surgical imaging. MonoStereo 3D is a software based system, which enables to switch images from 2D to 3D, as well as switch the 3D effect with five-level disparity respectively either by hands or by feet. The new system allows critical anatomical views in 2D and 3D with free to choice disparity, which is not possible with traditional MIS.

Endovision has been bringing niche products into medical and surgical industry in Australia. Their goal is to continue to bring the latest innovations and technology into the Australian market while making sure to offer them at a competitive price.

For more information: <https://www.endovision.com.au/>

Contacts

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