

Bellus3D Face Scanning for Health Applications



bellus3D
www.bellus3d.com

The Most Accurate Mobile 3D Face Scanning

Bellus3D combines two proprietary state-of-the-art technologies that measure up to 500,000 3D points on your face to create a high-resolution and accurate face model in seconds using a mobile device. *DepthShape™* reconstructs a 3D shape with submillimeter accuracy from the *Bellus3D Face Camera Pro*, a USB camera for Android and Windows devices, or the *TrueDepth Camera* of iPhone X or iPad Pro. *PhotoShape™* leverages the mobile device's high-res front-facing camera to capture face details such as skin pores and wrinkles.



Eyewear: Measurement and Virtual Try-on

Bellus3D's high precision scanning detects the pupil distance and over 100 facial and ear landmarks. Personalized eyewear can exactly match the measurements of a person's face for a great fit. The lifelike 3D scans enable virtual try-on before production.



Fast and Easy Self-Scanning

Traditional scanning methods require an operator to move a scanner around a stationary subject which may take many minutes to complete. Bellus3D's patented SLAM based self-scanning method automatically detects a user's head pose and guides the user to turn their head in a directed sequence. It only takes 10 seconds to create a high-resolution 3D face scan of yourself!



Face Mask: Personalized for Comfort & Fit

Standard sizes are far from optimal when fitting face-based products such as beauty sheet masks. Bellus3D face scans enable the design, production and fit of custom products for maximal comfort.



Cross Platform Solution



- Apple iPad Pro 11" or 12.9" (with TrueDepth Camera)
- Apple iPhone X+ (with TrueDepth Camera)

Dental: Clinical and Case Presentation

Dental professionals use Bellus3D face scans to aid in treatment planning and enhance case presentations. By registering the Bellus3D face scan with intraoral and CBCT scans, patients can preview anticipated outcomes, leading to increased patient enthusiasm and treatment plan acceptance. Bellus3D is compatible with many dental solutions, such as *Exocad*, *3Shape*, *Itero*, *Carestream*, *Dental Wings*, *Dolphin Imaging*, *i-CAT* and *OnDemand3D*.



- Bellus3D Face Camera Pro USB Camera
- Android 7.0 or 8.0 tablet or smartphone*
- Windows 10 PC with 4GB RAM*

* Visit www.bellus3d.com for compatible devices