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Bellus3D introduces high-quality and cost-effective 3D face scanning for mobile devices

Bellus3D debuts high-resolution mobile 3D face scanning camera for digital makeup, virtual try-on, game customization, and 3D face recognition

The accompanying image can be downloaded in both high and low resolution by clicking here

Los Gatos, CA, December 28th, 2016: Bellus3D, a Silicon Valley startup formed by leading computer vision experts to develop advanced 3D face scanning technology today announced that it will debut Bellus3D Face Camera, a high-quality and cost-effective 3D face scanning camera for mobile devices, during CES 2017 in Las Vegas.

Bellus3D Face Camera is an easy-to-use, high-quality, and affordable 3D face scanning camera for mobile devices. The Face Camera is designed for self-scanning. Simply attach the Face Camera to a smartphone or a tablet, turn your head from left to right, and start creating amazing 3D face models in seconds. Bellus3D Face Camera can create high quality 3D face models for digital makeup, virtual eyewear try-on, facial surgery, game character customization, face recognition security and a wide variety of other applications requiring a 3D face model. The Face Camera and its Android SDK will be available in limited quantity to third-party developers to create their own applications in Q1, 2017.

Bellus3D Face Camera combines two proprietary and patent-pending technologies that measure up to 500K 3D face points to create a high-resolution and accurate face model. DepthShape™ reconstructs 3D shape using dual infrared structured-light sensors designed for close range scanning at sub-millimeter resolution. PhotoShape™ leverages mobile device's high-resolution front-facing camera to capture face details such as skin pores and wrinkles. In comparison, most existing mobile 3D scanners measure only about 50K face points and cannot capture face details.

"Many mobile applications require an easy and inexpensive way to capture high-quality 3D face models," said Eric Chen, co-founder & CEO at Bellus3D Inc. "Existing 3D scanners on the market are either too expensive or not designed for high-quality face scanning. Bellus3D Face Camera will be a game changer that allows many new 3D face applications to emerge."

One of the first applications to be built on the Bellus3D Face Camera platform allows users to scan their own face and then digitally apply makeup, allowing them to determine which 'look' suits them best, without the time and mess associated with normal trial-and-error.

Bellus3D has been selected by CES 2017 to introduce their product at the Eureka Park Marketplace, a specialized area for emerging startups to showcase their innovation. In addition to third-party developers, Bellus3D is seeking hardware partners to bring the Face Camera to the mass market. Visit Bellus3D at Sand Expo, Booth #50006.

About Bellus3D
Bellus3D (www.bellus3D.com) is a Silicon Valley company founded in March 2015 to develop state-of-the-art 3D face scanning technology. Bellus3D Face Camera is an easy-to- use, high-quality, and affordable 3D face scanning camera for mobile devices. Using proprietary and patent-pending technology, the Face Camera measures up to 500K 3D face points and can capture facial details such as skin pores and wrinkles in seconds. Bellus3D's Android SDK allows third-party develops to create compelling face-related applications, such as digital makeup, facial surgery, 3D avatars, virtual glasses try-ons, video game character customization, and face recognition.

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