

Pix4D Launches New Ground Image Capture App for 3D Modelling



Pix4D has released a new app for ground imagery acquisition: Pix4Dcatch. The app has been developed to empower users to easily create ground-based 3D models using an iOS mobile device. Users don't need to be experts. They can simply scan the area of interest with Pix4Dcatch. The app records pictures along with GPS positions.

Compatible with recent iOS devices, but optimized for the newest iPad Pro and iPhone 12 Pro and Pro Max with Lidar sensors, scanning is done with real-time 3D meshing for scene completion feedback. This process of giving live feedback enables a workflow that secures optimal results. Images are then automatically uploaded to Pix4Dcloud for a fast generation of scaled and georeferenced 3D models and point clouds that can be measured, shared and exported.

Missing link in data acquisition

Pix4Dcatch enables professionals in the construction, inspection and public safety sectors, amongst many others, to save time and money, giving them the opportunity to expand their business offering to include rapid creation of accurate 3D ground models.

[Christoph Strecha](#), Founder and CEO of Pix4D, comments: "Until very recently, capturing accurate ground data for 3D modelling most often required specialized hardware or add-ons, as well as professional expertise. The strength of [Pix4Dcatch](#) is allowing anyone using consumer devices to easily acquire the right terrestrial data for digitizing the space around them and turn it into accurate 3D models. It is the missing link in data acquisition and complements Pix4D's software solutions."

Strecha continues: "In previous years, drones have become accessible to a big audience. In response, Pix4D innovated to release Pix4Dcapture, a free mobile app that quickly became a reference tool for drone mapping. Today, mobile devices are not only high-quality image capturing tools but are also becoming professional measurement tools, enabling Pix4D to leverage their use to offer end-to-end workflows to our customers."