

visionLib

augmented reality
tracking library
for industries



VisionLib – Augmented Reality Tracking Library for Industries

Tracking is the core technology for Augmented Reality as it registers position and orientation of the camera in real-time. For industrial applications, tracking has to work without scene preparation (e.g. markers or feature maps), and 3D-objects or machinery components have to be recognized in changing illuminations and surroundings.

Here, VisionLib offers a one-fits-all tracking solution, which is robust, accurate, and high performing at the same time. The Computer Vision tracking library relies on a model based tracking approach: industries can use their CAD data and create tracking configurations on their own — without pre-knowledge of the scene-to-be-tracked.

The tracking is easy-to-setup and easy-to-integrate into your industrial infrastructure. VisionLib is offered as a plugin for Unity3D and can be used with iOS, Android, Windows and HoloLens. Deploy your tracking as native component on your smartphone or run it as web service on your cloud.

visionlib.com

