IAS AUTOMATION | TM ROBOT

TM 3DVision™

The Evolution of Machine Vision

A Plug&Use 3D Vision Solution ; No Integrating Efforts Needed

TM 3DVision™

Product Features

- Pre-integrated into TM Robot's vision system
- All 3D vision functions, controls, and visual task deployment can be completed in TMflow™, no need to install or learn new software
- No external vision controller necessary
- Two types of compatible 3D camera for users to choose from

CONTÁCTANOS:

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IAS AUTOMATION

MÁS INFORMACIÓN EN:

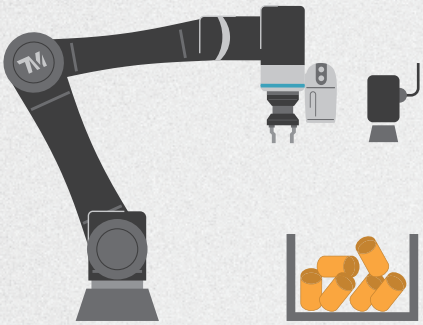
WWW.COBOT.MX

IAS AUTOMATION DISTRIBUIDOR AUTORIZADO EN MÉXICO

TM TECHMAN ROBOT

Easily Deploy Your Own TM 3DVision™ Tasks in TMflow™

TMflow™ is TM Robot's programming software, and TM 3DVision™ is a software add-on that can be used in TMflow™. Users can effortlessly achieve robot control and deploy 3D vision tasks all in one robot software.



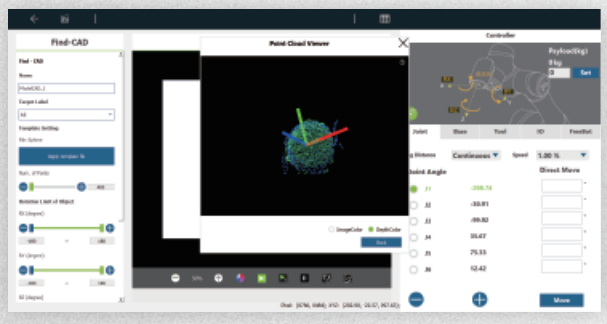
Calibration

Modeling

Task Editing

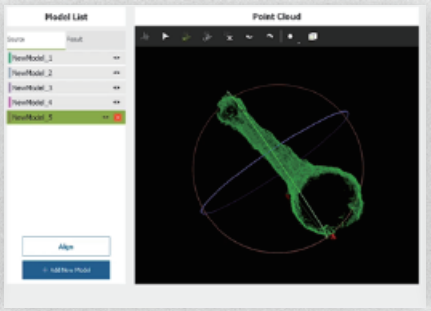
Step by Step Instructions to Build a Vision Task

TM 3DVisionTM is designed with a process-oriented user interface. Simply follow the instructions in TMflowTM and it will guide you through all steps of building a 3D vision task such as object modeling, camera calibration, and object finding.



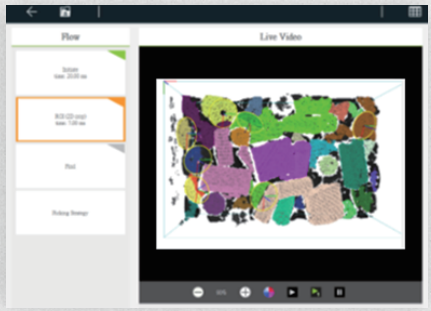
Find

Using geometry shapes (EX: box, sphere), CAD model or point pose as reference pattern to find the object



Modeling

Use the 3D camera to perform modeling or use pre-defined CAD models



Clustering

Use certain algorithm to separate the point cloud of the objects into several smaller groups. This will reduce the calculating efforts and speed up the process

Application Videos of TM 3DVision™ :

Please visit Techman Robot official website for more information about the compatible 3D camera of TM 3DVisionTM solution.

IAS AUTOMATION® | TM ROBOT

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