

AIM ROBOTICS™



AIM PATH

USER MANUAL

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TECHNICAL DATA

FEATURES

- Easy programming of robot
 - Can be used for any purpose and all end-effectors
 - For URe series
 - Convert to way-points and populates programme tree
-

NOTES

Ensure robot has tool on

- The program requires weight on robots to function

Avoid touching the robot before pressing 'record'

- The programming might include this small movement in the programme
-

Model #

AimPath

URCap version

≥1.3

PROGRAMMING

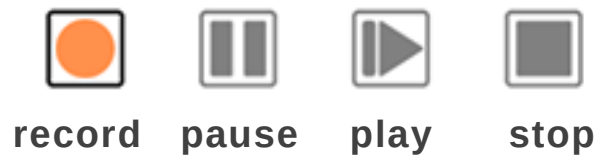
OVERVIEW

Maximum velocity for recording

Select robot speed for recording movement. This limits the speed that the user can push or move the robot to make it easier to maintain the same speed.

Icons

The icons will be grayed out when they are irrelevant.



Generate Waypoints

Select this after recording path to populate the programme tree with waypoints. These points will make it easy to add small changes to the path.

Resolution

From 0.0-1.0. This should be higher the more complex the path is.

Basic
Advanced
Templates
URCaps

- Dispense Node
- Purge Node
- PreFeed Node
- AimPath
- Toolpath Move
- Remote TCP Move

1 Robot Program
2 Path
3

Command Graphics Variables

AimPath

AIM ROBOTICS

Reference Feature: Base

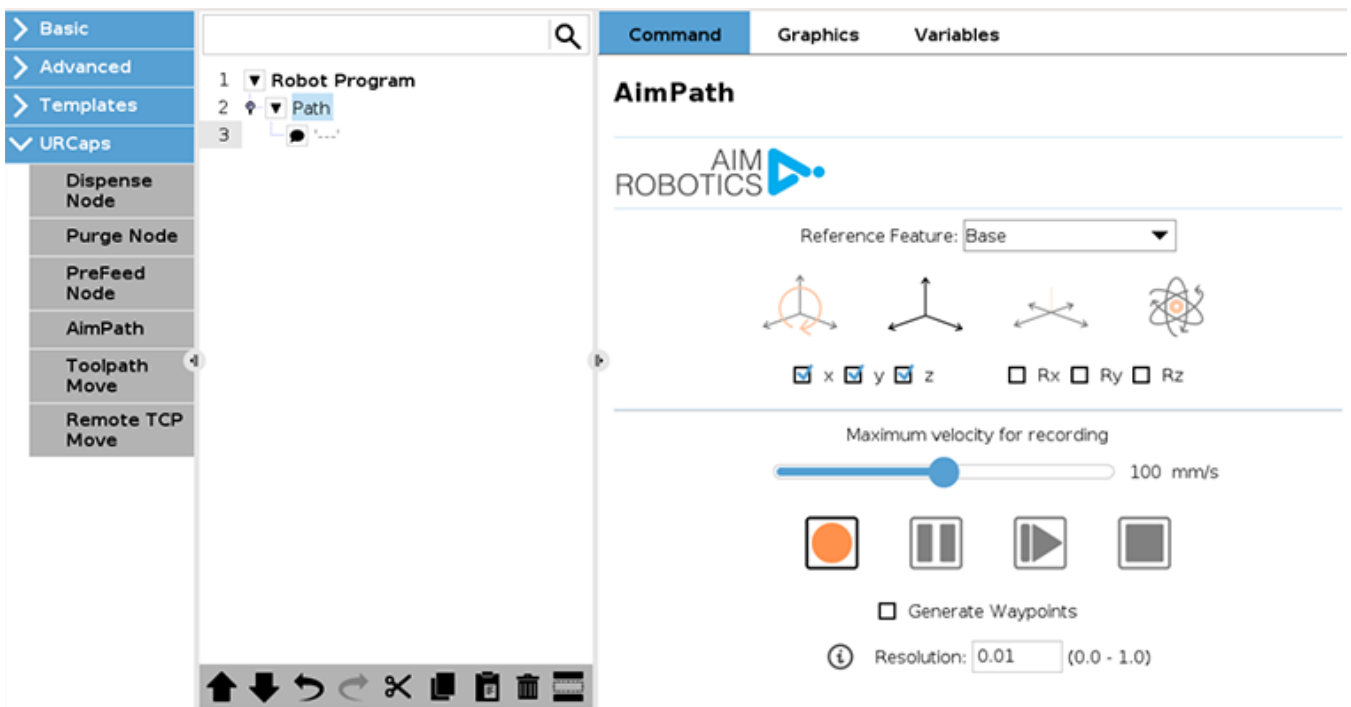
x y z Rx Ry Rz

Maximum velocity for recording

100 mm/s

Generate Waypoints

Resolution: 0.01 (0.0 - 1.0)



PROGRAMMING

STEP BY STEP

1. Install URCap
2. Install an end-effector (needed to ensure intended operation of program)
3. Enter setting in AimPath (movement speed, fixed planes etc)
4. Press 'record'
5. Move robot along part / path
6. Press 'stop'
7. Press 'play' to review and it's ready

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