EPSON RC+ 7.4.1 Release Notes
July 11, 2018

Thank you for using EPSON RC+ 7.4.1.   This document contains the latest information for this release.   Please read before using this software.

Documentation

All RC+ manuals are in PDF format and are installed on the PC hard disk. These manuals are accessible from the EPSON RC+ 7.0 environment Help menu.

Getting Started

Read the Getting Started chapter in the EPSON RC+ 7.0 User's Guide. This chapter will refer you to the RC700 Controller manual Installation chapter. This contains information for initial connections and start up.

What's New in version 7.4.1

1. Supports N6-850 and N6 clean type robots.

What's Fixed in version 7.4.1

1. Added the ability to specify the local coordinate system in Robot Manager Box Wizard.
2. Fixed a problem for Robot Manager Pallet Wizard. The arm orientation of the robot was not being recorded when the pallet definition points were taught.
3. Fixed a problem for Vision Guide where when Polarity was set to Both, it was displayed as DarkOnLight in the property grid.
4. Fixed a problem for Vision Guide where sometimes Correlation could not find a part near the boundary of the search area.
5. Fixed a problem for the Timeout property for Geometric and Correlation tools. The tools were not timing out during initial rough search.
6. Fixed a problem for Vision Guide Text object UserText property. When the dialog was opened to change the value, the previous value was not being displayed.
7. Fixed the VGTuningTool sample. An invalid file was specified for an ImageFile property.
8. Fixed IOCondOK result display for Force Guide FollowMove object. The value was not being updated.
9. Fixed a problem for Force Guide object execution. When an object with AbortSeqOnFail = True failed during step execution, the objects after the failed object were highlighted.
10. Fixed a problem for Force Monitor. If the Remove button is clicked during file remove, an exception occurred.
11. Fixed a problem for the Robot Manager Mass Property Wizard. Some labels for the Finish step were incorrect.

Vision Guide

Camera & Lens Selection Tool

A camera and lens selection tool is provided in the EpsonRC70\Tools folder after installation.   A PDF file with instructions is provided in the folder.

Parameter Tuning Tool

A sample project for a vision parameter tuning tool is provided in EpsonRC70\Projects\Samples\Vision\VGTuningTool. A PDF file with instructions is provided in the folder.   The GUI Builder option is required to use this tool.