EPSON RC+ 6.2.3 Release Notes

October 3, 2012

Thank you for using EPSON RC+ 6.2.3.   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+ 6.0 environment Help menu.

Getting Started

Read the Getting Started chapter in the EPSON RC+ 6.0 User's Guide. This chapter will refer you to the RC620 Controller manual Installation chapter. This contains information for initial connections and start up.

What's New in version 6.2.3

1. Added new commands AutoLJM, AvoidSingularity, SingularityAngle, SingularitySpeed. The RC620 controller firmware must be 6.12.1.1 or greater to use the new commands.

2. Improved conveyor tracking performance (tracking accuracy and no offset).

3. Automatic controller backup now occurs when adding / deleting robots or drive units. Also when saving robot calibration data. The backup occurs before the new settings are applied.

What's Fixed in version 6.2.3

General

1. Fixed a problem where if parentheses were used around the arguments in a Print statement, sometimes an exception could occur during project build.

Vision Guide

2. Fixed problem where if a local is used in a mobile calibration, the robot coordinate results were not correct. The RC620 controller firmware must be 6.12.1.1 or greater for this fix.

3. New firmware v2.0.0.5 for CV1 is available. It fixes a problem that caused camera timeout errors for large vision projects. To upgrade the CV1 firmware, execute Upgrade Firmware in Setup | System Configuration | Vision | Cameras.

GUI Builder

4. Fixed a problem for GUI Builder where sometimes an "out of memory" error occurred when enabling or disabling a button that uses an image.

Fieldbus Master

5. Fixed a problem for GetDeviceStatus. It was always returning a value of 4 (abnormal status).