Seiko Epson Corporation
Factory Automation / Robotics

EPSON

EPSON RC+ 6.2.0 Release Notes
February 3, 2011

Thank you for using EPSON RC+ 6.2.0.   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 6.2.0

1. Vision Guide 6.0 now supports color images. A new ColorMatch tool can be used to determine colors. The ImageOp tool has a new ColorFilter operation.

2. 1394 Digital Color cameras are supported using the Concord/F frame grabber.

3. Circular conveyor tracking.

4. Encrypted files. Now you can encrypt source code, including programs, Vision Guide, and GUI Builder.

5. Forces Sensing is now supported.

What's Fixed in version 6.2.0

General

1. Fixed problem where sometimes global variables were not being updated in the Display Variables window.

2. Now after adding a new robot, the drive unit data is correct. Before, you had to re-open the System Configuration dialog to see the correct drive unit data for the new robot.

3. Now after importing a project from EPSON RC+ 3.x/4.x with multiple robots, the point files for each robot are added to the imported project correctly.

4. Fixed several minor GUI problems.

Vision Guide

5. Now if a new calibration is created and the Robot Manager has been opened, the point file for the new calibration is added to the point file list on the Robot Manager.

6. When a vision sequence is copied, now the camera from the copied sequence is used.

7. Fixed problem where Robot X, Y and U were 0 after creating a new calibration and running a sequence that used it.

8. Fixed problem where sometimes the Run Object and Teach buttons were disabled on the Vision Guide window when they should have been enabled.

9. Fieldbus slave outputs can now be used the calibration Lamp and UpwardLamp properties.

10. Fixed problem where images were overlapped when using multiple interlaced or progressive scan cameras and ExposureTime was greater than 0.

VB Guide

11. Fixed problem where sometimes the Task Status event did not fire.

12. Sense and Till commands are now supported.

Fieldbus

13. Fixed FbusIO_GetDeviceStatus.   It was always returning 0 before.