

EPSON RC+ 7.4.8 Release Notes

April 16, 2020

Thank you for using EPSON RC+ 7.4.8. This document contains the latest information for this release. Please read before using this software.

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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 7.4.8

1. Added support for project camera settings and mapping.
2. Added BinarizeAdaptive operation for ImageOp. When using Compact Vision, CV2-A firmware 3.1.2.0 or greater is required.
3. Compliance with California law (SB-327). Added password authentication for Ethernet connection to the controller.

What's Fixed in version 7.4.8

General

1. Fixed a problem where a project rebuild would occur after connecting to a controller and background tasks were running.

Vision Guide

2. Fixed ImageOp MinRGB and MaxRGB for VSet. When using Compact Vision, CV2-A firmware 3.1.2.0 or greater is required.
3. Fixed vision statistics reset when project 2 was being used in Compact Vision. CV2-A firmware 3.1.2.0 or greater is required.
4. Fixed VLoadModel for when the model width and height are different than the current model. When using Compact Vision, CV2-A firmware 3.1.2.0 or greater is required.
5. Fixed a problem where sometimes a Line object configured to be perpendicular to another line was not positioned. When using Compact Vision, CV2-A firmware 3.1.2.0 or greater is required.
6. Fixed a problem for VCalPoints when using camera numbers other than 1. Sometimes the correct video was not being displayed.
7. Fixed problems that occur after double clicking on an object in the flow chart.

API

8. Fixed VSave when executed from the API.

Force Guide

9. Fixed a problem where the value for AlignCheckToIT was not being loaded correctly during project open.
10. Fixed problems that occur after double clicking on an object in the flow chart.
11. Fixed problem that RC+ crashes when FGRun is executed during open Force Guide window.
12. Fixed problem that previous wave data remain on Force Monitor when execute FGRun at short intervals.

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.