

Improvements in DynaPro™ Plate Reader 4 Firmware

INTRODUCTION

This document highlights the most important enhancements, changes, and bug fixes made to the DynaPro Plate Reader 4 firmware. Please contact us at www.wyatt.com/contact if you have any questions or suggestions.

CONTENTS

- Introduction..... 1
- Version History..... 2
 - 1.1.1.44..... 2
 - Improvements and Bug Fixes 2
 - 1.1.1.38..... 2
 - Improvements and Bug Fixes 2
 - 1.1.1.35..... 2
 - Improvements and Bug Fixes 2
 - 1.1.0.54..... 3
 - Initial Release..... 3

VERSION HISTORY

Each version of the Plate Reader 4 firmware includes a corresponding version of the DYNAMICS Touch onboard software. Refer to the *Improvements in DYNAMICS Touch* document for detailed information on the changes included in each release.

1.1.1.44

Includes DYNAMICS Touch 3.1.0.148

Improvements and Bug Fixes

- **Added:** Allow DYNAMICS Security Pack administrators to disable data collection on DYNAMICS Touch for a Plate Reader 4 instrument. (S-32944)
- **Fixed:** Fixed the factory-reset behavior so that disabling collection and USB exporting are preserved. This ensures that a user-initiated factory reset does not unintentionally re-enable data collection on the DYNAMICS Touch. (S-32833)

1.1.1.38

Includes DYNAMICS Touch 3.0.1.148

Improvements and Bug Fixes

- **Fixed:** System stability has been improved by increasing the Windows Unified Write Filter (UWF) disk overlay size during installation, preventing resource exhaustion over time. (D-31089)

1.1.1.35

Includes DYNAMICS Touch 3.0.1.146

Improvements and Bug Fixes

- **Added:** Similar to ZetaStar and NanoStar II, clients can now disconnect other DYNAMICS instances for a Plate Reader 4. Only one client can collect data from Plate Reader 4 at a time and if DYNAMICS Touch is the client collecting data, other DYNAMICS clients cannot connect. (S-31585)
- **Added:** Idle mode has been introduced to preserve laser performance. After 1 hour of inactivity, the laser enters idle mode, reducing laser power to zero. (S-29834)
- **Fixed:** The Plate Reader 4 camera could intermittently fail to capture an image, causing the camera to become unresponsive. The firmware now resets and re-enables the camera when this occurs. (D-30492)
- **Fixed:** The instrument computer could run out of memory if many images were captured in quick succession. (D-30668)

- **Fixed:** The Plate Reader 4 could fail to read the barcode after the door closed due to timing issues, resulting in a critical error that required reopening the door. The firmware now retries immediately to prevent this failure. (D-30728)

1.1.0.54

Initial Release

Includes DYNAMICS Touch 3.0.0.866

Copyright © 2026 Wyatt Technology, LLC. All rights reserved.

Please contact Wyatt Customer Support if you need more information about changes in earlier versions of the firmware.