



Release Notes

Firmware v13.5.0

for PR2 and PR3 Durable Mobile Receipt Printers

July 2015

Overview

Firmware series 13.x provides printing functions for PR2 and PR3 family durable mobile receipt printers.

In release v13.5.0:

- MFi versions print an MFi logo on self-test in CSim, ESC/P and XSim
- Adds new Bluetooth connection with iOS printers.
- Corrects minor issue printing issue with PR2/3 XSIM
- Corrects minor issue with the BT device naming
- Corrects minor issue with DrawText command.

Supported Hardware

- All PR2 and PR3 configurations

This document contains the complete change history for this firmware, with the most recent version listed first.

Please refer to the online help or the printer user manual for additional information on the features and use of firmware v13.5.0 with your printers.

Version 13.5.0 Key Features

New Functionality

The following new features have been added in this release.

This version was released in July 2015.

MFfi Logo Printable on Self Test

PR2 and PR3 printers with MFfi Bluetooth configurations and running firmware v13.5.0 or later print an MFfi logo when the Self Test is printed.

New Bluetooth Stack for Apple iOS Devices

Certain PR2 and PR3 configurations implement a Bluetooth stack that supports iAP1 and iAP2 for connection with iOS printers. This function is supported in CSim, ESC/P and XSim command languages

Changed Functionality

The following issues have been resolved:

PR2 / PR3 Print Mode Command

PR2/3 XSim would not print the customer's page print mode commands similar to that in PB2/3.

XSim: DrawText Command

The DrawText command would not print black color text after printing white color (inverse) text.

Known Issues

The following are known issues with this firmware release. Where applicable, workarounds are described.

Printer Reverts to Default BT Device Name

With a small number of printers, the printer's Bluetooth Device Name sometimes changes from its default or user-configured setting to "INTERMEC". This is being investigated and a patch firmware version will be released when the root cause has been identified and fixed.

Version 13.4.0 Key Features

New Functionality

This version was released in January 2015.

EU EN300328 v1.81 Compliance

PR2 and PR3 printers running firmware v13.4.0 are fully compliant with the requirements of EU standard EN 300328 v1.81.

CSim: New Commands Supported

CSim now supports the following commands:

Command	Level of Support	Remarks
STF/VSTF	Full	
<ESC>g	Full	
PDF417	Full	
Aztec	Full	
UCC EAN 128	Full	
CG	Full	
!U1 getvar	Partial	Only supports appl.name for getvar

Changed Functionality

The following issues have been resolved:

XSim: Print Alignment

With Courier 2 at 48 columns, the 48th character would not print.

XSim: DrawText Command

The DrawText command would not print black color text after printing white color (inverse) text.

XSim: Graphics would overlap following text

When graphics were drawn, under certain conditions the following text printed within the graphic rather than beside it.

XSim: DrawText Command

The DrawText command would not print black color text after printing white color (inverse) text.

CSim: Text command and INT2OF5 barcode implementation incomplete

Issue 131118-000084. This has been resolved.

CSim: StartAdjust not persistent

Issue 140214-000064. The StartAdjust value is now persistent (survives through printer restarts).

CSim: Delay while printing during batches

Issue 140403-000137. The batch printing delay has been resolved.

Known Issues

The following are known issues with this firmware release. Where applicable, workarounds are described.

Network reconnect upon Access Point Initiated Session Timeout

If network access points are configured to disconnect sessions after a defined period of time, under certain circumstances printers may not be able to reconnect without a restart.

This is a rarely used access point feature and when used, typically session timeout periods are either half-day or full-day, beyond the typical per-charge battery life of these printers. As a result, encountering this issue will be a very rare occurrence.

For customers using access points with session timeouts, set the printer to Constant Awake Mode to prevent the issue from occurring. To set Constant Awake Mode, use either the Printer Configlet in Intermec brand mobile computers or use PrintSet 5.

Version 13.3.1 Key Features

This version was released in February 2014.

New Functionality

CSim New Features

The EG (Expanded Graphics) command is now supported.

WiFi New Features

Dynamic WEP is now supported.

Ad-hoc mode is now supported.

Changed Functionality

The following is a list of fixed issues or changes to existing functionality.

XSim Changes

XSim now printouts now more closely match the PB2/3 mobile printers.

Tab characters are now respected.

Font aliasing support has been improved.

Empty lines used with the double-wide <SO>/<SI> command now print correctly.

The SETMAG command now works for user downloaded fonts.

Double-high print alignment now works correctly with the <FS> command.

CSim Changes

Downloaded Thai fonts are now supported in line print mode.

Version 13.2 Key Features

This version was released in September 2012.

New Functionality

New Boot Loader

Boot Loader v3.00, available as a separate download from the printer Downloads page, corrects the following issues:

- Inconsistent RtW (blue Ready-to-Work) LED behavior during printer restart.
- Inconsistent RtW LED behavior when the Power button is pressed and held.

Changed Functionality

The following is a list of fixed issues or changes to existing functionality.

Font Aliasing Issues

Default font assignments may now be overridden via font aliasing.

Changes to point size, width or height now work as expected.

CR/LF Characters at beginning of data stream cause incorrect printouts

If a pipe character ("|") preceded the first CR/LF, printed output was unpredictable. This has been fixed.

ESC/P Issues

Spaces are now allowed in barcode commands.

Media type switches within scripts no longer cause incorrect printouts

Image files may now be printed.

<ESC>E now works correctly. Before it was incorrectly interpreted as the <ESC>EZ command.

Printed QRcodes are now readable.

CSim Issues

CSim now respects the QRcode size parameter.

Equals sign ("=") results in overlapping text lines

Using an equals sign ("=") in text no longer causes following text lines to overlap.

Bluetooth: garbage in printouts

Issues with receiving data via Bluetooth have been resolved.

PrintSet 5 Issues

The printer may now be added to PrintSet 5 via a USB connection.

Issues with font removal via PrintSet have been resolved.

Trap ports 3 and 4 may now be set.

Bluetooth Security DISABLE option has been removed.

Long response times to the <ESC>{_CLC:HCD} command when connected via WiFi are resolved.

Connectivity LED blinks

Issues with the Connectivity LED blinking at inappropriate times (when Print button pressed and during startup) have been resolved.

About Upgrading Printer Firmware

You should check for periodic updates to your printer's firmware. Updated versions can include bug fixes or additional features that may be useful.

To upgrade to 13.4.0

1. Visit the Intermec website (<http://www.intermec.com>) and then navigate to your printer product page.
2. Follow the instructions from the PR2/PR3 user guide to upgrade your printer.