

RELEASE NOTES

Trimble® Infrastructure GNSS Series Receivers

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Version 4.22
Revision A
March 2011



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Release notice

This is the March 2011 release (revision A) of the *Infrastructure GNSS Receivers Release Notes*. It applies to version 4.22 firmware.

Notice to our European Union Customers

For product recycling instructions and more information, please go to www.trimble.com/ev.shtml.

Recycling in Europe: To recycle Trimble WEEE (Waste Electrical and Electronic Equipment, products that run on Electric power), call +31 497 53 24 30 and ask for the “WEEE Associate”. Or, mail a request for recycling instructions to:



Trimble Europe BV
c/o Menlo Worldwide Logistics
Meerheide 45
5521 DZ Eersel, NL

Introduction

These release notes describe the improvements made to the following Trimble Infrastructure Series receivers:

- NetR3
- NetR5
- NetR8
- NetR9

With this release, all the above products can use version 4.22 firmware.

To use firmware version 4.22, you must have a valid firmware warranty. To load this firmware, the receiver must have a firmware dated September 2009 or more recent. If necessary, contact your Trimble dealer to purchase a warranty.

Before you perform a firmware upgrade, Trimble recommends that you download and backup any files that are on the receiver.

New Features and Changes

General

- Serial port 2 now supports baud rates up to 460,800 bits per second.

Data Formats

- GSOF messages updated to display received OmniSTAR frequency.
- Trimcomm updated to allow for individual serial port output commands.
- Logged and streaming BINEX data now support tilt sensor data in record 0x7e.

Data Logging

- Update to RINEX headers to accommodate logging 24 satellites or greater.

Web Interface and Front Panel

- Minor translation updates.

Upgrade Procedure

There are two methods for updating receiver firmware. In both cases, ensure that the receiver firmware warranty date is September 2009 or more recent. To upgrade:

- If using the WinFlash utility, use the latest version that is available with the version 4.22 Web package.
- If using the receiver Web User Interface to load the v4.22 *.TIMG file, ensure that the receiver is already running firmware version 3.71 or later before starting this installation. If you have a receiver with firmware earlier than version 3.60, you will first need to load version 3.60 and then load version 3.71 before loading version 4.22.