# Trimble NetR9 Resource Page

673 Freddy Blume April 18, 2024 Trimble NetR9 14563

NetR9 Owners should visit this page for critical information on configuring power settings to ensure proper operation.

| Back to receiver comparison page | Receiver | GNSS ? | Available as special buy | Available on loan | Serviceable at UNAVCO | File Size (24 hr, 15 s) | | Mer |
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|  | Trimble NetR9 | Y | Y | Y | Y | 0.9 MB | | Up G Inter Exte U |

- Configure through the screen or via an http interface; no special programming software.
- Download data via the http interface or via ftp; no special downloading software.
- Has ftp push capabilities.
- Records GPS L1, L2, L2C, L5, GLONASS, Galileo, BeiDou, QZSS, and SBAS.
- Native data format is .T02; can stream RT27, BINEX, RTCM and other real-time standard formats.
- External USB drive support
- The maximum number of sessions available depends on the logging rate of the enabled sessions. The sum, in Hz, of all the logging rates of the enabled sessions cannot exceed ~60 Hz.

## Resources

- What to try if NetR9 is in "RECEIVER IN REMOTE MONITOR" (PDF below)
- Basic Use of the Trimble NetR9 (link to NeR8 page, same process)
- Trimble NetR9 Data Sheet (.pdf)
- Trimble NetR9 Receiver User Guide (.pdf)
- Trimble NetR9 RTX Configuration

## Firmware and Configuration

- Trimble NetR9 Receiver - Current Firmware Version details and downloads
- UNAVCO standard configuration files for the NetR9 (updated for each firmware version)
- Where available, UNAVCO recommends using an external LVD between the receiver and a battery power source to ensure that the receiver always powers up. Please see the receiver configuration details page when using an LVD.
- If an external LVD is not available for use at a remote continuous site, then UNAVCO recommends enabling Shutdown Override in the Receiver Configuration -> General menu. Shutdown Override prevents the unit from shutting down when an external voltage above the Power On Voltage is present. **Caution** : enabling Shutdown Override will override Data Logging/Power Saving settings, Application File Power-Up Timer settings, as well as the front panel power button.
- NetR9 Owners should visit this page for a critical information regarding use of versions 4.41, 4.42 and 4.43.

## Testing

- Critical Power On and Shutdown Voltage Information
- Use of external USB Memory with NetR9 Receivers
- 24 hour power test without usb thumb drive (mean = 3.2 W)
- 12 hour power test with usb thumb drive connected (mean = 3.67 W)
- Updated power tests (11/2019)

Online URL: https://kb.unavco.org/article/trimble-netr9-resource-page-673.html