


# Trimble NetR9 Resource Page

673 Freddy Blume April 18, 2024 [Trimble NetR9](#) 9366

NetR9 Owners should [visit this page](#) for critical information on configuring power settings to ensure proper operation.

| <a href="#">Back to receiver comparison page</a>                                  | Receiver      | GNSS ? | Available as special buy | Available on loan | Serviceable at UN AVCO | File Size (24 hr, 15 s) | Memory  |
|---|---------------|--------|--------------------------|-------------------|------------------------|-------------------------|---|
|  | Trimble NetR9 | ●<br>Y | ●<br>Y                   | ●<br>Y            | ●<br>Y                 | ●<br>0.9 MB             | ●<br>Up to 16 GB<br>Internal<br>External<br>USB |

- 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>