Trimble NetR9 Resource Page

673 Freddy Blume April 18, 2024 Trimble NetR9 14814

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
	Trimble NetR9	Y	Y	Y	Y	0.9 MB		Up G Inter Exte US

- 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