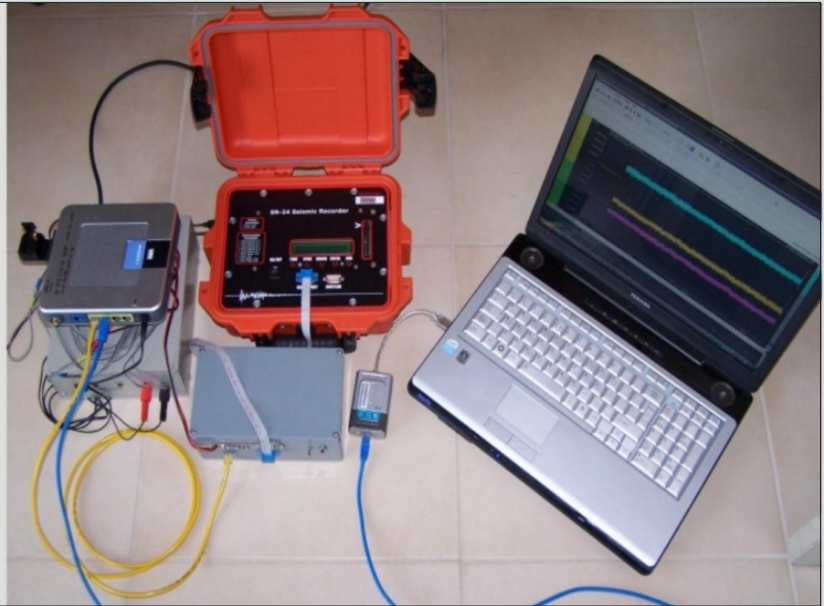
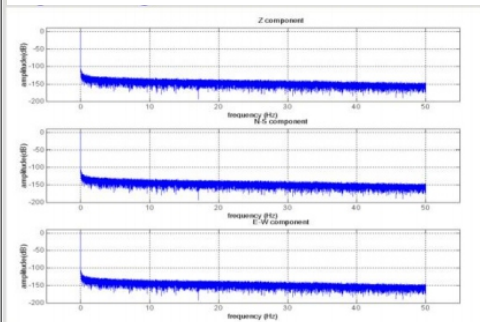


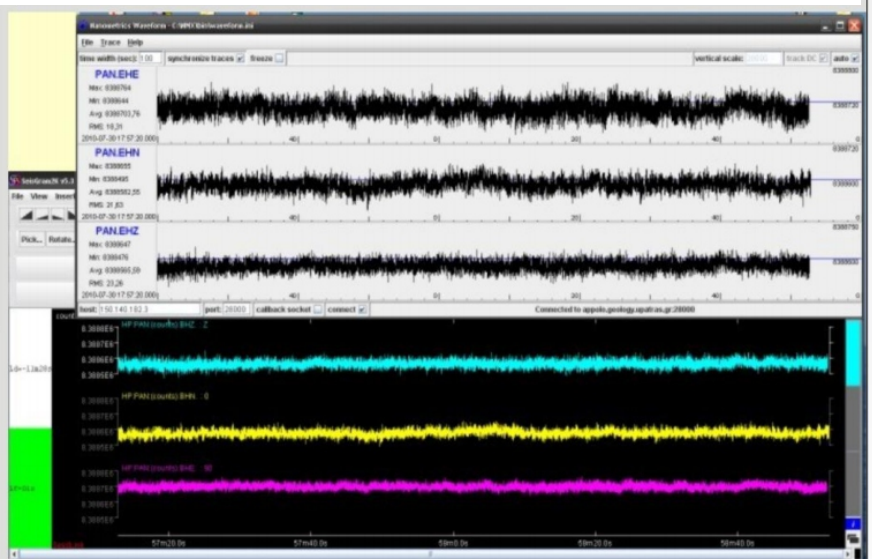
- 24 bit digitizer
- Low power consumption
- Removable Compact Flash
- GPS time accuracy
- 1-500 samples per second
- 3 input channels
- Continuous Recording Mode
- Seiscomp plugin
- Rugged Waterproof Housing
- Operation Range: -20 +70°C
- GSM/GPRS/VSAT/DSL/WiFi
- LDC screen
- Serial Data Port
- Ethernet Data Port



The SeedlinkSR-24 seismic station consists of a combination between the SR-24, 3-channel 24 bit digitizer and an ARM-embedded PC running embedded Linux. The open source Seiscomp/Seedlink software has been compiled for the ARM-Linux operating system, and has been installed to the flash memory of the PC. Because of the use of an ARM based embedded PC, the power consumption is very low, allowing the system to run for a long time powered by a simple 12V/55Ah battery. The SR-24 digitizer has 3 input channels, and capability for connection to a wide range of sensors. The digitizer is based on a powerful, wide dynamic range delta-sigma analog-to-digital converter, with very low noise characteristics and excellent power supply rejection. The sampling rate can be set to 1, 5, 25, 40, 50, 60, 100, 150, 200, 250, 300, 400, 500 samples per second. The embedded PC provides an ethernet port. Configuration as well as communication with the unit is carried out using the ethernet port. Real-time telemetry can be achieved connecting the instrument with any communication with device like GSM modem, satellite modem UHF spread spectrum modem, wireless Ethernet bridges...and many more. The station communicates with any seedlink server implementing a reliable real-time seismic station while the overall cost remains low.



The real-time seismic data can be imported into many other commercial acquisition software packages like the Nanometrics 'NaqsServer'. So, the seismic data can be integrated in any real-time seismic network.



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