

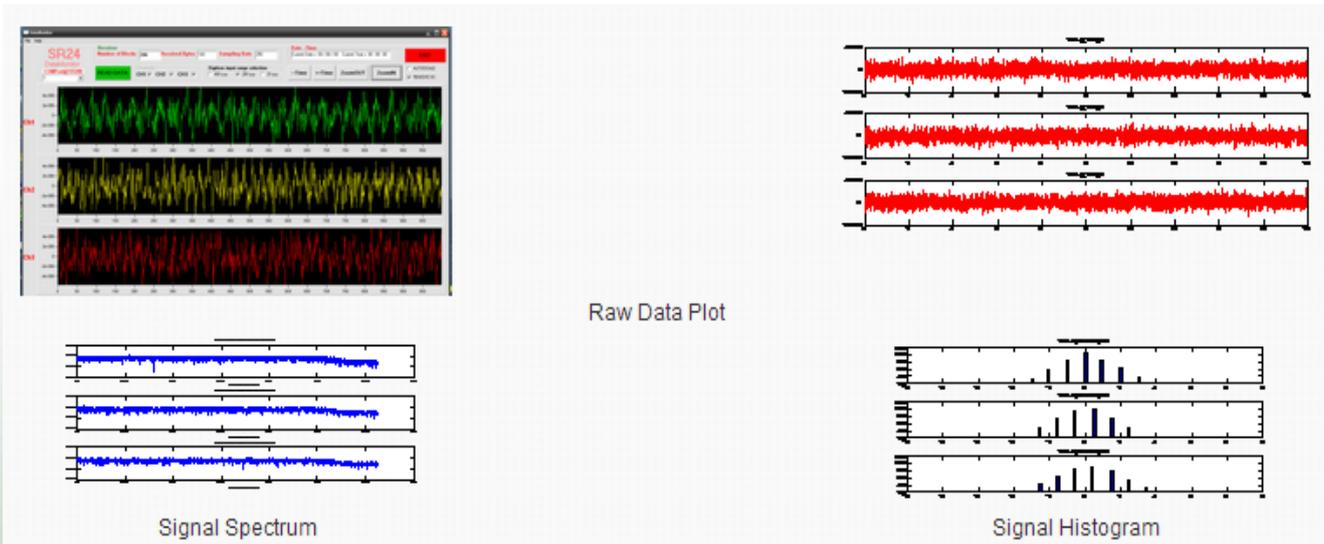
SR32 32bit Digitizer

LandTech introduced recently the "state of the art" 32-bit resolution seismic digitizer, based on it's latest technology. It has three analog channels, with extremely high resolution, especially in higher sampling rates from 250 to 1000 samples per second (sps). The effective resolution is 23.6 bits when the data rate is 250 sps, giving a dynamic range greater of 136db to the instrument.



Power consumption is extremely low, only 0.7W, allowing it to operate for long period, powered from a small 7.2Ah Lead-Acid battery. Core32 format data files are recorded directly to FAT32 removable compact flash card. Timing is performed using a very accurate DPLL unit getting synchronized from a GPS receiver.

The drift is extremely low (4×10^{-9} sec) when GPS is off, and it can be periodically on and synchronize the



When the Earth whispers we are there!!!

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