

BROADBAND SEISMOMETER

- . The frequency bandwidth from 120 seconds to 100Hz
- . Sensor Type: Triaxial, Orthogonal
- . Contains three independent sensors (one vertical and two horizontal) with built-in electronic feedback circuit, control and power conversion circuits, featuring low noise, large dynamic range and easy installation and use.
- . Remotely adjustable long period corner.
- . Automatic and manual mass lock/ unlock and mass centering.
- . Has built-in leveling mechanism and has a built-in mass zero position adjusting mechanism.
- . Must provide operation and configuration procedure along with quotation.
- . Must provide calibration procedure and software documents along with quotation.
- . Operates on +12 VDC (10 – 36) VDC.
- . Sensitivity: at least 2000 V/m/s
- . Full Scale Output: ± 20 V Peak-to-Peak Differential
- . Output Impedance : < 100 Ohms
- . Power saving functionality.
- . P67 for outdoor use and immersion resistance
- . Must compatible with REFTEK 130 DAS System
- . 5m cable to REFTEK 130 DAS, the seismometer will be connected to REFTEK 130 DAS system
- . Operating Temperature -20°C to $+60^{\circ}\text{C}$
- . Power-Fail Protection
- . Signal Overload Protection
- . Lightning Protection

