Communications

Ethernet interface: Real Time Telemetry (Multiple destinations TCP/IP web server for parameter setup, event retrieval via FTP/SFTP; supports Contact (POC) name service.

Modem: External, cellular or POTS, connected via the USB 2.0 Host inte

consult factory for details. Protocols: Real-time data streaming via compatible server or via public SEEDLink and Earthworm protocols.

State-Of-Health: Input voltage, Super Capacitor voltage, Time synchro internal temperature, available storage Low latency: 0.1s data packets

Data visualization: Waveform Viewer for continuous waveform display and Fi Viewer for triggered event display.

Related software for corrected and uncorrected accelerograms.

Power Requirements

Consumption: <3W operational

Voltage range: 9-28 VDC

Protections: Reverse voltage, over/under voltage, self-resettable fuses Physi

Mounting: Central bolt, 3 adjustable feet with bubble level

Environmental:

Temperature range: -20° to 70°C operational

Humidity: 0-100% RH (non-condensing)

Enclosure rating: IP67

Technical Specifications of Strong Motion instruments

1. 3 sensor channels with an internal triaxial deck

2. 24-bit Delta converter, one per channel

3. Built-in GPS

4. Record and communicate multiple sample rates

5. Earthquake Early Warning low latency 0.1s packets ready

6. Streamlined Station Maintenance (SSM)

7. Data offloaded automatically to removable thumb drive

8. connected to the USB host port. Parallel recording (mirroring)

9. data on an external USB thumb drive.

10. Wireless communications via USB based Wi-Fi or cellular modem

11.State-of-health monitoring, including input and system

12.voltages, internal temperature, communication link diagnostics,

13.available storage

14:IP Security through SSH and SSL

15. Reverse voltage protection and self resettable fuses

16. System Status LEDs.

شادي الزعبي

م. علي القدم

م. عدنان سويدان