Juricat

3D-accelerometer for short and long-term monitoring

Acquiring the key parameters of ground and structure motion during earthquakes or other excitations, in real time, is an increasing demand.

Juricat is a cost-effective 3D strong-motion accelerometer designed for permanent monitoring of structures: precise enough to provide information of engineering interest, economical to be employed in extended networks.

Technical Specifications

4 channel acquisition system:
- 3 accelerometric channels (x,y,z)
- 1 analog channel (optional)

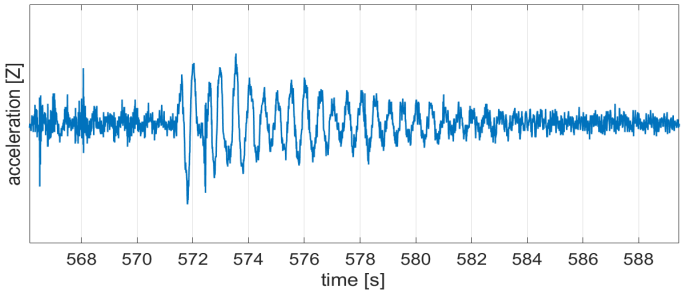
Sensitivity:
- accelerometric channels: 0.15 mg (scale: ± 2g) or 0.45 mg (scale: ± 6g)
- auxiliary channel: ± 1V

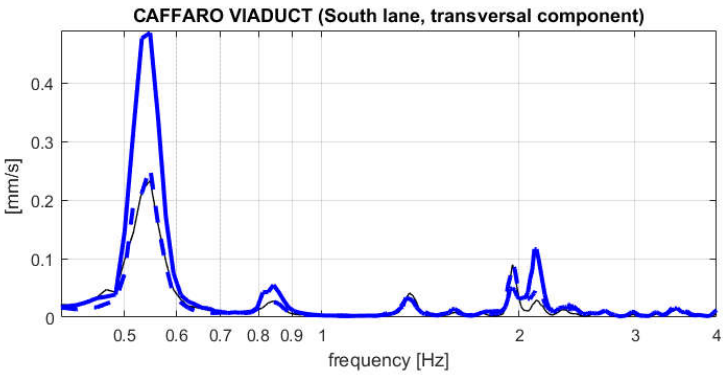
Sampling frequency:
- 16 kHz original on all channels
- 128Hz, 256 Hz or 512 Hz output

Synchronization among different units:
- GPS (external antenna)
- NTP (network time protocol)

Data access:
- via Ethernet (CAT 5)
- wireless (optional) ®

Power supply:
- Ethernet POE (optional)
- internal battery
- DC plug-in (5V)





When cost-effective does not mean bottom end

MOHO SCIENCE & TECHNOLOGY

c/o VEGA, Edificio Lybra
Via delle Industrie 17/A
30175 Marghera (Venezia) - ITALY
Tel: +39 041 5094004
info@moho.world | www.moho.world