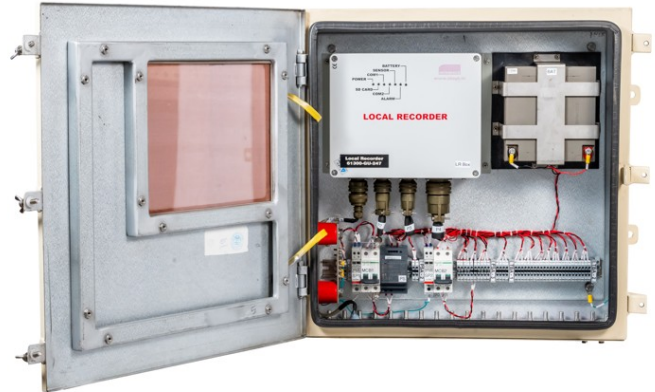


**Seismograph / Local Recorder  
Data Acquisition System**



- Resolution : 20-24 bits
- Operating temperature range : -5 °C to +85°C
- Works with 3 channels: X,Y & Z data channels
- Sampling rate : 4k samples per second
- Timing : Internal high precision RTC  
GNSS/GPS optional
- Event Triggers offered: PGA or CAV on any of X,Y or Z axes or combination
- Recording :
  - Pre-event Recording – 1 to 15 steps in steps of 1 second (User settable)
  - Post-event recording – 1 to 15 steps in steps of 1 second (User settable)
  - External trigger also available
- Recording capacity : 32GB maximum
- Relay outputs: 4 nos.
- Communication : Dual isolated RS485 ports for redundant connectivity
- Data format : ASCII, MINISEED formats
- Battery back up: 72 hour battery backup
- Self Test facility : Available
- Rugged enclosure : EMI/EMC, IP65 and Seismic resistant enclosure  
EMI/EMC proof polycarbonate viewing window
- Power supply to sensors : 12-30 Volts as per sensor requirement
- Input power : AC/DC options  
72 hour battery backup
- Software : User friendly setup and diagnostic software