



DATA ANALYSIS SOFTWARE PACKAGE

Iuno Analysis is a desktop-based software for analyzing and plotting locally a 3-component seismological dataset acquired with a Lunitek device.

Iuno Analysis can check the state-of-health of the device and download the stored data. It is compatible with all the digitizers, seismographs and accelerographs in the Lunitek catalogue (Atlas, Triton, Sentinel MEMS, Sentinel GEO)

It supports advanced analysis such as the H/V ratio for geophysics/geology, the estimation of building damage (following the regulation DIN-41-50-3:2016) and the generation of response spectra.

KEY FEATURES

DESKTOP INTERFACE

IT CAN LOCALLY DISPLAY AND ANALYZE DATA STORED IN MINISEED AND ASCII FORMATS.

VIEW STATE-OF-HEALTH INFORMATION OF THE DEVICE: MALFUNCTIONING SERVICES CAN BE DETECTED AND CORRECTED

REAL-TIME DATA STREAM AND STORED DATA DOWNLOAD LOCALLY

SEND COMMON COMMANDS TO ALL THE SENSORS: START, STOP

The software allows to easily convert the counts that typically characterize the miniseed format to the real engineering units (acceleration or velocity, depending on the sensor) by pairing the original data with the related metadata.

H/V SPECTRA GENERATION AND CLEANING
BUILDING DAMAGE ESTIMATION (DIN 4150-3:2016)
RESPONSE SPECTRA GENERATION

OTHER FEATURES

UPC. FEATURES

WINDOWS 10/11. COMPATIBILITY WITH LINUX UBUNTU AND MAC OPERATIVE SYSTEM IS UNDER TEST.
> 7" DISPLAY (PREFERABLY > 10")

MINIMUM REQUIREMENTS