

# Features

## Programable for Standalone or Swarm Operation

Easily programmable between stand alone and swarm mode for wider observability.

## Tri-Axial Geophone & Acoustic Sensing

Integrated tri-axial geophone & microphone works together to capture detailed ground motion and acoustic signatures for comprehensive seismic and environmental monitoring.

## Automatic Report Generation

Generates event reports automatically, eliminating the need for human intervention.

## Control from anywhere

The system can be configured from anywhere with the provided software

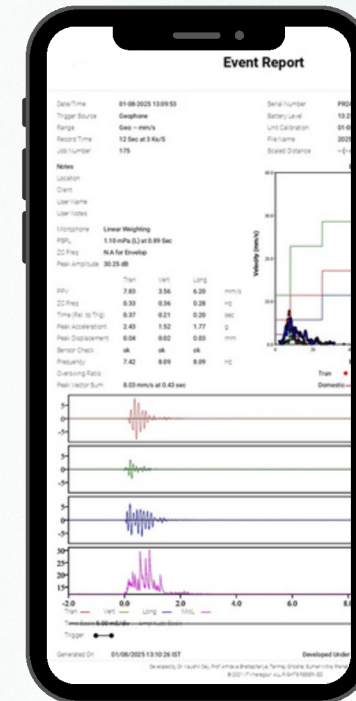
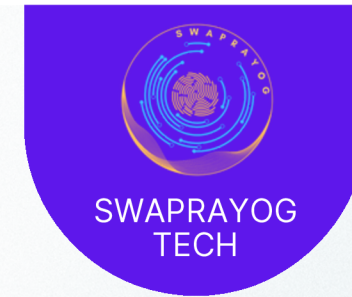


# Visphotograph Mini

## Intelligent Precision for Vibration Detection

Visphotograph Mini is a compact, automated IoT-based seismograph that accurately detects and records ground vibrations in real time. With cloud connectivity and instant data updates, it provides quick insights and reliable alerts to researchers, institutions, industries, and safety teams.

“  
Smart and  
Futuristic  
Sismograph  
”



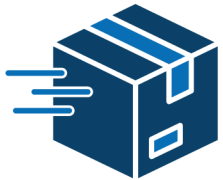
# Experience the Future of Mining

Next-gen mining starts here: where advanced sensing meets IoT intelligence to unlock unmatched safety and efficiency.



## Applications

- ✓ Blast vibration detection
- ✓ Structural vibration analysis
- ✓ Seismic alarm system
- ✓ Landslide / Avalanche detection
- ✓ Monitoring controlled explosions
- ✓ Underground facility safety



## In the Box

- Visphotograph Mini System
- Geophone sensor enclosure
- Carrying Bag
- Thumb drives for Application software and User manual
- Optional Custom Dashboard and GPS

# Swaprayog Technologies Private Limited



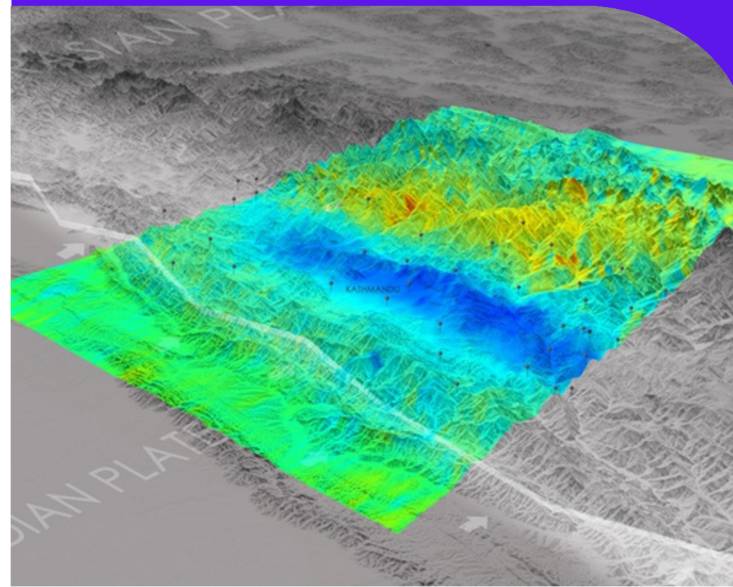
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## Specification

- ✓ Wide Frequency Bandwidth - **Range of 2 to 100 Hz** extended up-to 300 Hz
- ✓ Accurate **displacement** measurement **up to 1 mm/s** with a **range of 236 mm/s peak to peak** and **sound 130 dB**
- ✓ Trigger level of geophone - **1 to 10 mm/s** and microphone - **60 to 110 dB**
- ✓ Automatic **detection, analysis and notification** to the user through **email**
- ✓ **Programmable** for **Standalone** or **Swarm** mode
- ✓ Custom **Application** for **configuration, control and data handling**
- ✓ Comes with a **Battery** backup of up to **12 hours** and supports **DC power** sources
- ✓ Connects to **Wi-Fi** for **Server** connectivity.
- ✓ Equipped with **Automatic Health checking** for accurate measurements