Importadora Gyb Limitada
Padre orellana 1476
Santiago CL13101 Chile



Sistema de monitoreo sismico y de vibraciones SUMMIT M Vipa

Código: GD-SUMMVIP

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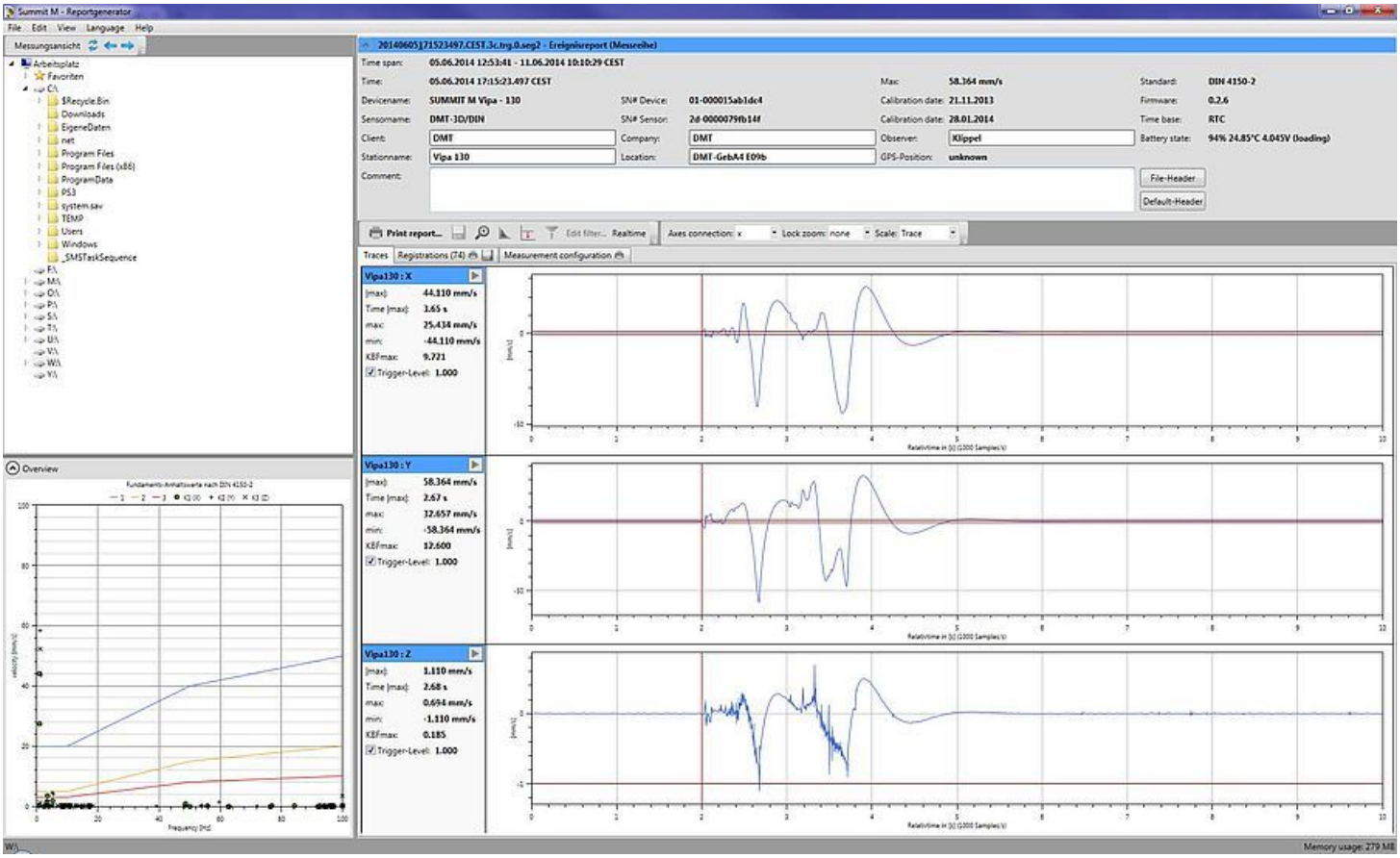
Detalle | Especificaciones | Aplicaciones | Galería de imágenes

Detalle

SUMMIT M Vipa

is a three-channel seismic station designed for vibration monitoring with an additional channel for noise monitoring. The station has built-in lithium-ion battery, making SUMMIT M Vipa an excellent solution for autonomous mobile measurements. The presence of remote control with automatic data transmission allows to connect several stations via Ethernet or using a radio channel to create a vibration monitoring network. High-resolution 24-bit ADC provides high dynamic range and ultra-sensitive vibration monitoring for both continuous and triggered recording.

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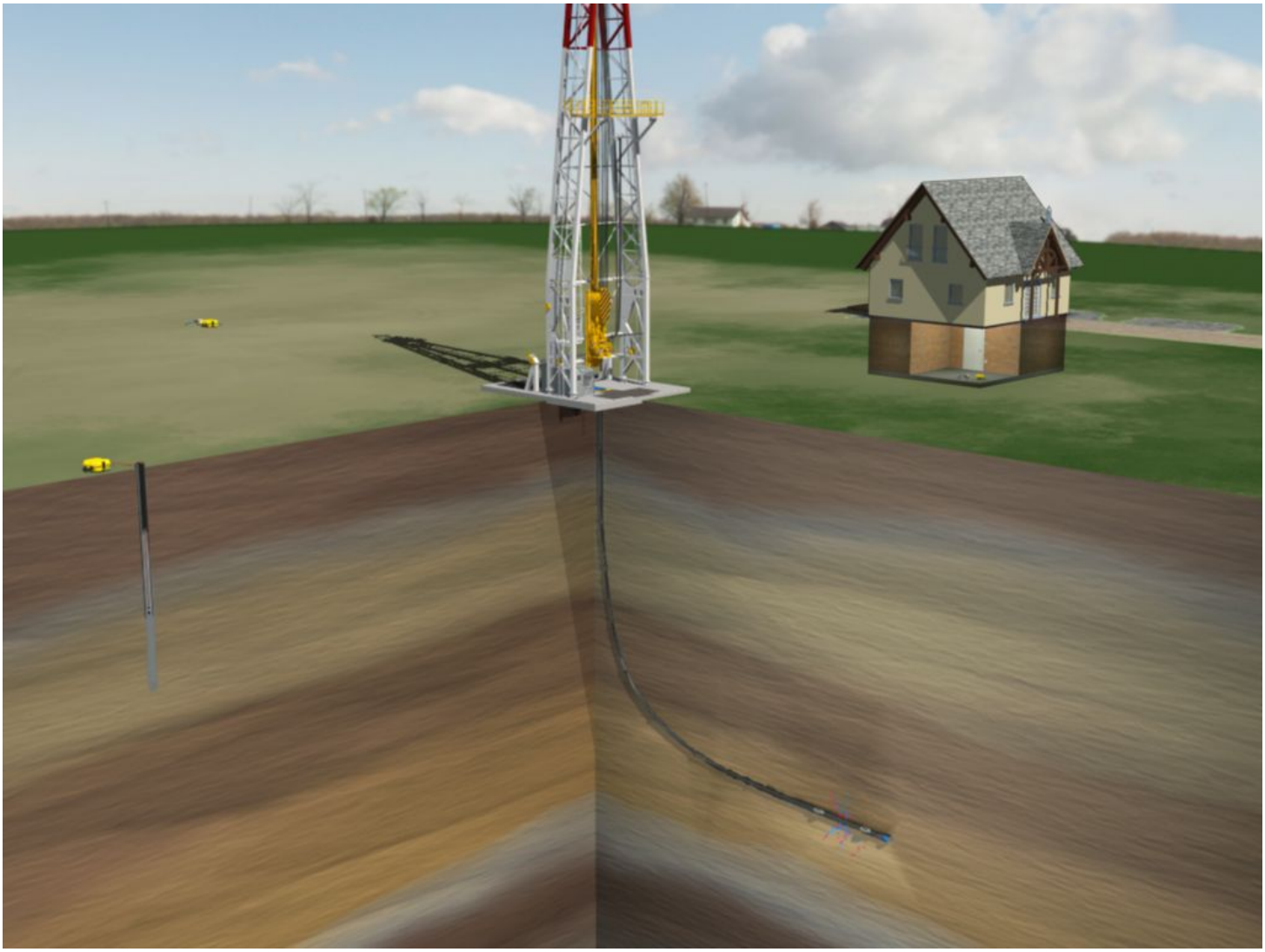


DMT-3D/DIN

is a seismometer used with SUMMIT M Vipa system for vibration and microseismic monitoring. The sensor is equipped with three geophones with a frequency range from 1 to 315 Hz. Due to its weight, for most applications, the device does not require additional mounting, but if necessary, it can be fixed above the central mounting hole with a bolt. For ease of setup and installation, the seismometer has a built-in level.

- Seismology extension - increased sensitivity and dynamic range of > 122 dB, additional sample rates: 125 Hz 250 Hz, 500 Hz, optional SeedLink server
- Printer - external serial protocol printer
- Alarm switch - external relays for switching external alarm devices, can operate via digital I/O interface of VIPA or remotely via mobile network
- Intelligent sensor supply - external sensor supply for connecting third party ICP-type sensors

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Especificaciones técnicas

Especificación	GD-SUMMVIP
Channels	3 channels (X -; Y -; Z - vibration) 1 aux - channel (acoustic)
Sample Interval	1 kHz; 2 kHz; 5 kHz; 10 kHz
Frequency range	DC - 5 kHz
Recording mode	Continuous or event based
Trigger mode	Amplitude threshold for each channel; trigger also on KB and vector sum
Record length	1 sec to 60 sec per file
Pre-trigger length	0 sec to record length - 1
Output sample resolution	32 bit
Signal input range	± 5 V (10 V pp) differential input (optional ± 20 V on request)
Measurement range	Up to 175 mm / s with standard sensor DMT - 3D / DIN; larger ranges on request
Time synchronisation	Internal GPS module (ext. Antenna); absolute time accuracy : < 10 µs

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Especificación	GD-SUMMVIP
Data storage	Internal 4GB (larger on request) or external USB - mass - storage device
Instantaneous dynamic range	≥ 113 dB @ 1000 Hz sample rate
Crosstalk rejection	≥ 110 dB (between all channels)
Total harmonic distortion	≤ - 100 dB
Common mode rejection	≥ 105 dB
Data communication	100base - TX Ethernet; internal LTE / EDGE / GSM modem
Internal battery	Li - Ion; typical life time >40 hours
External power supply	9 - 18 V DC (optional 9 - 36 V) max 15 W during battery charge
Display	Colour graphical LCD with 320 x 240 resolution
Dimensions	30 x 25 x 12 cm
Weight	3.6 kg
Operation temperature	20°C to + 70°C
Humidity range	0 – 95 %
Protection class	IP 67
Case	Solid waterproof housing deployable in any surface environment
USB	External storage on memory stick or hard disk drive
Ethernet-LAN	Router; switches; PC
Mobile Antenna	External mobile GSM antenna
GPS Antenna	External GPS antenna for precise time stamp
Vibration sensor	External geophone vibration sensor - 3D sensor or splitted sensors; borehole sensors - 12 V DC power supply provided for active sensors
AUX Channel	Additional recording channel; e.g. for microphone - 12 V DC power supply - Switchable phantom power (24 V / 48 V) for microphones
Digital IO	Multipurpose IO for accessories (alarm devices; trigger devices; ..)
Serial IO	External RS232 for external printer
Power	External 9 - 18 V DC (optional 9 - 36 V DC)

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Galería de imágenes

Mostrando hasta 6 imágenes de la galería.



Imagen de galería 1



Imagen de galería 2



Imagen de galería 3



Imagen de galería 4



Imagen de galería 5



Imagen de galería 6

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