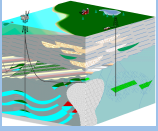


Array acquisition unit for MT & microseismics KMS 820

Product features |

- ❖ Low-power design for long recording time
- ❖ Long-range wireless (up to 8 km line-of-sight or unlimited in mesh network mode)
- ❖ Wi-fi
- ❖ Bandwidth : DC - 50 kHz
- ❖ Up to 100 kHz sampling rate
- ❖ Six 24-bit GPS synchronized channels
- ❖ Low noise & low drift input amplifiers
- ❖ Customizable digital interface for digital sensors
- ❖ Portable & lightweight
- ❖ Ruggedized design for field application
- ❖ Acquisition & monitoring software provided
- ❖ Accompanied with processing software
- ❖ Low cost





Electromagnetic / microseismic data acquisition unit

Product applications |

Land ElectroMagnetics (EM)

- ❖ Acquisition: Magnetotellurics (MT), Lotem, CSAMT, Induced Polarization
- ❖ EM transmitter controller (32 bit option)
- ❖ System response recording (time domain)
- ❖ EM survey in array configuration

Marine EM

- ❖ Transition zone transmitter & monitor
- ❖ Source controller and environmental monitor (current and one field component)
- ❖ Marine EM version under development

Land seismic

- ❖ Special high bandwidth applications
- ❖ Passive microseismic monitoring for regional & local seismic activities
- ❖ Seismic security surveillance

General lab measurement

- ❖ General acquisition system
- ❖ Electrode long term stability
- ❖ Custom versions available

Houston:
6420 Richmond Ave., Suite 610
Houston, Texas 77057
Tel.: USA +1.713.532.8144 Fax+1.832.204.8418
Email: info@KMSTechnologies.com

Germany:
KMS Technologies GmbH
Eupener Strasse 137, Suites 214 - 216
50933 Cologne, Germany
Tel.: Germany +49.221.952.79794