

CMG-EAM-U



Enhanced Acquisition Module - USB

The Enhanced Acquisition Module (EAMU) is a data recording, communications and control module available in various cases and form factors suitable for deployment in the field with all our digitisers and instruments.

Multiple digitisers and instruments can be attached and controlled by the unit, with data being recorded to external flash, either as a standalone recorder or as a backup for data communications.

Key Features:

Under 0.75 W average power consumption

Stable and robust for total autonomy

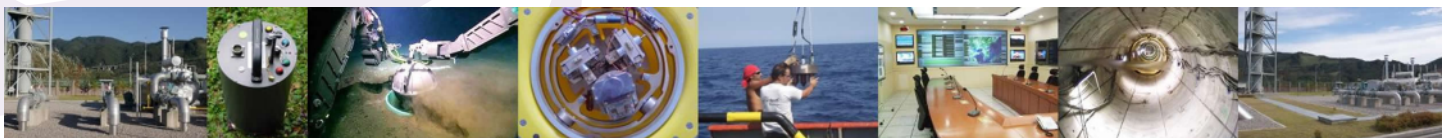
Communication includes Ethernet, Wifi and Serial with a host of options such as GSM or VSAT.

Seismic protocols for real time transmission include CD1.1 (with hardware authentication option), GDI, SCREAM. For recording: miniSEED, GCF

Configuration, monitoring and control via Web interface, terminal based menu system or the linux command line.

Flash and 16 Gb USB mass storage as standard

Stand-alone, rack-mount, borehole and sensor-integrated variants available



Specifications

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Communication technologies supported	<i>Serial, Ethernet, Wi-Fi</i>
Configuration/control interface	<i>Web browser, terminal based menus, Linux control line</i>
Seismic protocols	<i>Scream! (Antelope/Earthworm), SEEDLink or CD1.0/1.1</i>
Case options	<i>Stand-alone (3 ports & 7 ports), rack-mounted (8/16/24/32 ports), sensor-integrated, borehole</i>
Port types	<i>Data in/out, modem, console (user-configurable)</i>
Flash memory	<i>512 Mb +</i>
Removable disk capacity	<i>16 Gb standard (32, 64, 128 Gb options available)</i>
Filing system	<i>Hot-swappable, journalling, Windows FAT32 compatible</i>
Direct disk recording formats	<i>GCF, miniSEED</i>
Operating temperature	<i>-40 to +60 °C</i>
Power supply	<i>10V to 28V DC (>12V when powering attached digitisers)</i>
Power consumption	<i><0.75W + power pass-through</i>

