



**SEISMIC DATA  
ACQUISITION**


**SIG** 

[www.marine-seismic-equipments.net](http://www.marine-seismic-equipments.net)

**LASCA DATA ACQUISITION  
SOFTWARE  
BAS1 ACQUISITION UNIT**



**BAS1 Acquisition unit**

<b>Type of data :</b>	Seismic data from SIG 16 analog streamers
<b>Number of channels :</b>	2
<b>Trigger in/out :</b>	TTL level (rising edge)
<b>Sampling resolution :</b>	16 bits
<b>Preamplifier power supply :</b>	Battery 12V 600 mA
<b>Output :</b>	12 V p.p.
<b>Dimensions :</b>	30 x 25 x 5 cm, 2.2 kg
<b>Power requirements :</b>	100-240 VAC, 50/60 Hz, 65 W
<b>Connections :</b>	
	Trigger input/output : BNC
	Data input : 7-pin connector
	Data output : USB 2.0 type B

**LASCA software application**

<b>Acquisition settings :</b>	Sampling frequency : 8 to 20 kHz
	Shooting rate : 50 ms to 10 s
	Input range : $\pm 0.2$ V, $\pm 1$ V, $\pm 5$ V, $\pm 10$ V
	Recording length : auto or user defined
	Channel selection : 1, 2 or 1+2
	Trigger : internal or external
<b>GPS configuration :</b>	LASCA compatible with USB GPS based on generic port COM.
	NMEA-0183 supported RMC, GGA, GLL