3-axis acceleration sensor with fast peak function (signed peak value)

Working range: ± 15 g (-20°C ...+65°C), measurement frequency 1024/s (fast peak mode), storage rate 50/s to every 12 h (fast peak mode: 1kHz).

New with the A4 is that the acceleration sensor will measurement with 1024/s. You can activate the "Peak 1kHz" in the setup.

Time diff. (MSR BAT	I-PC) -3s = 3.98 V			
Basic settings	Limits User settings	Format memor	y Intern	
Sensors		limits	_Main stora	
р, Т(р)	off		t1=	
ACC x, y, z	~50 Hz (10/512 s) 🔻		t2=	
	Peak 1kHz		Record co	
RH, T(RH)	off 📃			
Т	off 🗨			
A1A4	off		C Start	
	Prediction		C Start	
Options during record				

..and you can choose the storage rate from maximum 50 Hz to every 12 h (with the t1 or t2).

Basic settings Limits User settings Format memory Intern				
Sensors p, T(p)	off	limits	Main storage rate t1= 0 ↓ h 0 ↓ min 1 ↓ s	
ACC x, y, z	~50 Hz (10/512 s) ▼ off		t2= 0 tain 1 tains	
RH, T(RH)	t1 t2 1 Hz		Limits active Shock assistant	
т А1А4	2 Hz ~5 Hz (102/512 s)		OR function of all active limits O Start immediately	
	~10 Hz (51/512 s) ~20 Hz (26/512 s) ~50 Hz (10/512 s)		O Start at 2015-05-18 ▼ 10:16 ÷	
Options during record			2015-05-18 🔽 10:16 ਦ	
✓ blue LED flashes with t1			Start and stop by push-button	
✓ ring buffer			C Start and stop by control input	
Marker Confirm alarm				

This means the sensor will measure with 1024 Hz and store the maximum value once per second or once per hour or 50 times per second.

When you activate fast peak and choose the storage rate 50 Hz. The measurement rate will be 1024 Hz and the datalogger will save 50 times per second the maximum.

You can also choose measurement rate also with 1Hz. So you will have the maximum value during this second.