

## Everlert III (EVIII)

Specifications:

Seismic	Range	10 in/s (254 mm/s)
	Resolution	0.005 in/s to 0.000625 in/s with built-in preamp
	Trigger Levels	0.005 to 10 in/s in steps of .001 in/s
	Frequency Analysis	National and Local Standards for all countries
	Accuracy	3% at 15Hz
	Acceleration, Displacement	Calculated using entire waveform, not estimated at peak
Air Linear	Range	88-148 dB
	Resolution	0.1 dB above 120 dB
	Trigger Levels	100-148 dB in 1 dB steps
	Accuracy	0.2 dB at 30 Hertz and 127 dB
"A" Weight (optional)	Range	50 to 110 dB in steps of 0.1 dB (Impulse Response – 35 milliseconds)
Sampling Rate		Standard 1024 samples per second per channel
Event Storage	Full Waveform Events	300 standard and 1500 optional at 1024 sample rate
	Summary Events	1750 standard and 8750 optional at 1024 sample rate
Frequency Response	2 to 300 Hz	Ground and Air, Independent of record time
Full Waveform Recording	Fixed Record Modes	Manual, single shot, continuous, and programmed start/stop
	Fixed Record Time	1 to 100, 300, or 500 sec plus 0.25 sec pre-trigger
	Auto Record Mode	1 to 100, 300, or 500 sec plus 0.25 sec pre-trigger
Strip Chart Recording	Record Method	Record to memory. Program interval 3, 5, 15, 60,300 or 900 sec
	Days Storage	2.8 or 14 days at 5 sec interval. 34 or 170 days at 1 minute interval
Histogram Combo Mode	Histogram Record Method	Record to memory. Program interval 2, 5, 15, 60, 300 or 900 sec
	Histogram Days Storage	2.4 or 12 days at 5 sec interval. 29 or 147 days at 60 sec interval
	Waveform Events	Up to 13 one-sec events (1024 sample rate)
	Waveform Record Times	1 to 13 sec plus 0.25 sec pre-trigger
Special Functions	Timer Operation	Programmed start/stop
	Self Check	Programmable daily check
	Scaled Distance	Weight and distance stored with event
	Monitor Log	History printout
	Automatic Download	Automatic downloading of data from a remote monitor with Call Home feature
	Measurement Units	Imperial or metric, dB or linear air pressure
	Location	Log GPS data into record
User Interface	Keyboard	8 domed tactile with separate keys for common functions

	Display	4 line by 20 character high contrast backlit display
Printer	Resolution	576 dots/line and 0.0049 inches per dot
	Print Time	Less than 10 sec for typical 1 sec event with full analysis
	Paper Control	Paper tear slot or automatic paper takeup
	Rated Life – print head	18 miles of printing
	Number of Copies	1 to 10 copies automatic, any number manual
Battery Life		10 days continuous recording, 25 days with timer
Dimensions		3.2" x 3.6" x 6.3"
Weight		3 lbs
Environmental	LCD	14 to 122 degrees F operating
	Electronics	-4 to 140 degrees F operating
	Humidity	5 – 90% RH non-condensing
	Storage	-4 to 160 degrees F