

WaveMon LF



Personal EMF Monitor



OVEREXPOSURE WARNING
Audible, visual and vibratory alarm



EMF EXPOSIMETER
With datalogger



2013/35/EU workers (including those bearing AIMD, 1999/519/EC public



**ISOTROPIC DC and 10 Hz - 400 kHz
RMS and PEAK magnetic field sensor**



Harness, Belt and Arm Holder

H-field Isotropic Sensors
DC and 10 Hz - 400 kHz

Datalogger
Instant Values

Exposure Level as a %
of the Standard/Limit

Rechargeable and Replaceable
Batteries for 12 h Autonomy

ON/OFF Status Button

GPS and Altimeter
(Optional)

High Intensity Audible
and Vibratory Warnings

USB and Tripod
Connectors



Worker's safety



Railway



Medical



AIMD - Active Implantable Medical Devices



Labs



Aeronautical



Industry



Defense

Technical Specifications

	DC	10 Hz - 400 kHz
Sensor type	Isotropic hall sensors	Isotropic coils
Type of response and limits	% AIMD bearer (500 uT) Medium Warning (3 mT) High Warning (30 mT)	% (shaped) 2013/35/EU workers 1999/519/EC public
Dynamic range	100 µT to 40 mT	3-200% for workers limits 10-300% for public limits
Isotropic deviation	± 2%	± 5%
Interface	1 button on/off, status and low battery LED	
Indicators	6 LEDs + Audio + Vibration	
Alarm threshold	2 limits in adjustable by user	
Connectivity	Waterproof USB (for downloading data and recharging)	
Falling detection	Yes	
Autonomy	12 hours	
Data logger	>1 000 000 events	
Positioning	GPS and Altimeter (Optional)	
Logging Interval	1 second to 60 minutes (adjustable by user)	
Battery type	2 x AA NiMH battery rechargeable by USB	
Protection	IP 54	
Temperature range	-20 / +50 °C (-4 / +122 °F)	
Size	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")	
Weight	194 g (6.8 oz.)	



Optional accredited calibration

Preliminary Data Sheet

WaveMon_LF_EN_1908_v0.1

Preliminary Data Sheet - Product specifications and descriptions in this document subject to change without notice