

WaveMon RF-8

Personal RF Monitor



OVEREXPOSURE WARNING
Audible, visual and vibratory alarm



OCCUPATIONAL & PUBLIC RF SAFETY STANDARDS
ICNIRP, FCC, Directive 2013/35/EU, SC6, NATO



ITU-T K.145
Compliance with ITU-T K.145



GPS + Altimeter
Data geolocation



EMF EXPOSIMETER
Datalogger, instant & average values



ELECTRIC AND MAGNETIC FIELD
Isotropic, RMS



Harness, Belt, or Arm Holder

RF Absorber Integrated in Holder

Datalogger for exposure studies
Instant and average values

Rechargeable and Replaceable Batteries for 200 h Autonomy

GPS and Altimeter (Optional)

E & H-Field Isotropic Sensors with RMS Response

Exposure % of the Standard

ON/OFF Status Button

High Intensity Audible and Vibratory Warnings

USB and Tripod Connectors

WaveMon Applications



INDUSTRY



TELECOMMUNICATIONS



ENERGY



RAILWAY



MEDICAL



LABS



AERONAUTICAL



WORKER'S SAFETY



DEFENSE



Optional accredited calibration

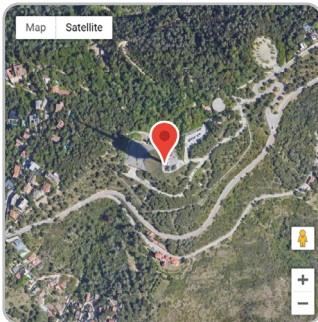
Technical Specifications

Sensor type	Isotropic, RMS diode technology	
Response	Shaped (ICNIRP 1998/2020, Directive 2013/35/EU, FCC and Safety Code 6)	
Interface	1 button ON/OFF, status and low battery LED	
Indicators	6 LEDs + Audio + Vibration	
Alarm threshold	2 limits adjustable by user	
Connectivity	Waterproof USB (for downloading data and recharging)	
Falling detection	Yes	
Autonomy	> 1 month (at 8 h/day, 5 days/week)	
Data logger	> 1 000 000 events	
Positioning	GPS and Altimeter	
Logging Interval	1 second to 60 minutes (adjustable by user)	
Averaging Interval	1 second to 60 minutes (adjustable by user)	
Battery Type	2 x AA NiMH battery rechargeable by USB	
Protection	IP 54	
LF immunity (50 – 60 Hz)	> 30 kV/m	
Temperature range	-20 / +50 °C (-4 / +122 °F) – Charging: 0 / +40 °C (+32 / + 104 °F)	
Size	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")	
Weight	190 g (6.7 oz.)	
	E-field	H-field
Dynamic range	1 – 300 %	2 – 300 %
Linearity	±0.5 dB (2% – 200%)	±1 dB (5% – 200%)
Isotropic deviation	±1 dB @ 1GHz	±1 dB @ 400 MHz

WaveMon RF-8

Versions	Response shaped to	Frequency range and response	
		E-field	H-field
WaveMon RF-8 ICN WaveMon RF-8 EUD	ICNIRP EU Directive 2013/35	300 kHz – 8 GHz ±3.5 dB	25 MHz – 1 GHz ±1 dB (30 MHz – 700 MHz) +0 dB / -2.5 dB (700 MHz – 850 MHz) +0 dB / -5 dB (850 MHz – 1 GHz)
WaveMon RF-8 FCC	FCC	3 MHz – 8 GHz ±3.5 dB	3 MHz – 1 GHz ±1 dB (3 MHz – 400 MHz) ±2 dB (400 MHz – 850 MHz) +0 dB / -4 dB (500 MHz – 1 GHz)
WaveMon RF-8 SC6	Safety Code 6	10 MHz – 8 GHz ±3.5 dB	25 MHz – 1GHz ±2 dB (30 MHz – 800 MHz) +0 dB / -5 dB (800 MHz – 1 GHz)

WaveMon accessories



GPS
Part # W-WAVEMON-GPS

WaveMon Internal GPS



WaveStick
Part # WWMA0002

Adjustable extension stick
(73 cm / 28,74 ")



Safety cable
Part # WWMA0001

WaveMon safety attachment
cable



WaveMon Lanyard
Part # WWMA0003

Breakaway neck security lanyard