



# WaveMon RF-60

## Personal EMF Monitor



**OVEREXPOSURE WARNING**  
Audible, visual and vibratory alarm



**EMF EXPOSIMETER**  
Datalogger, instant & average values



**ICNIRP, 2013/35/EU, FCC, SC6, NATO**  
Occupational & Public / Shaped response



**ISOTROPIC RMS**  
Electric Field Sensor



Harness, Belt, or Arm Holder

E-Field Isotropic Sensors with RMS Response

Datalogger  
Instant and Average Values

Exposure Level as a % of the Standard/limit

Rechargeable and Replaceable Batteries for 200 h Autonomy

ON/OFF Status Button

GPS and Altimeter (Optional)

High Intensity Audible and Vibratory Warnings

USB and Tripod Connectors

# WaveMon Applications.



Worker's safety



Telecommunications



Railway



Medical



Labs



Aeronautical



Industry



Defense

## Technical Specifications



Optional accredited calibration

<b>Sensor type</b>	Isotropic, RMS diode technology
<b>Response</b>	Shaped to specific standards
<b>Dynamic range</b>	1 - 300 %
<b>Linearity</b>	±0.5 dB (2% - 200%)
<b>Isotropic deviation</b>	±1 dB < 3 GHz (E field)
<b>Interface</b>	1 button on/off, status and low battery LED
<b>Indicators</b>	6 LEDs + Audio + Vibration
<b>Alarm threshold</b>	2 limits adjustable by user
<b>Connectivity</b>	Waterproof USB (for downloading data and recharging)
<b>Falling detection</b>	Yes
<b>Autonomy</b>	>1 month (at 8 h/day, 5 days/week)
<b>Data logger</b>	>1 000 000 events
<b>Positioning</b>	GPS and Altimeter (Optional)
<b>Logging Interval</b>	1 second to 60 minutes (adjustable by user)
<b>Averaging Interval</b>	1 second to 60 minutes (adjustable by user)
<b>Battery Type</b>	2 x AA NiMH battery rechargeable by USB
<b>Protection</b>	IP 54
<b>LF immunity (50 - 60 Hz)</b>	> 30 kV/m
<b>Temperature range</b>	-20 / +50 °C (-4 / +122 °F)
<b>Size</b>	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")
<b>Weight</b>	190 g (6.7 oz.)

	Response shaped to	Frequency range	Frequency response
<b>WaveMon RF-60 ICN</b>	ICNIRP 98 Occupational / Public	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
<b>WaveMon RF-60 FCC</b>	FCC Occupational / Public	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
<b>WaveMon RF-60 EUD</b>	EU Directive 2013/35 Recommendation 1999/519/EC	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
<b>WaveMon RF-60 SC6</b>	Safety Code 6 Occupational	10 MHz - 60 GHz	10 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +11/-6 dB
<b>WaveMon RF-60 NATO</b>	NATO standards Zone 1	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±5 dB 35 GHz - 60 GHz: +12/-6 dB

Product specifications and descriptions in this document subject to change without notice