







# 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



Compliance with ITU-T K.145



Ready for 5G monitoring



Optional features



DISTRIBUTED BY:

# Sedulitas

PEOPLE | PASSION | PRECISION

info@sedulitas.co.za +27 (0)82 551 4001  
www.sedulitas.co.za

Harness, Belt, or Arm Holder

RF Absorber Integrated in Holder

Datalogger  
Instant and Average Values

Rechargeable and Replaceable  
Batteries for 200 h Autonomy

GPS and Altimeter  
(Optional)



E-Field Isotropic Sensors with RMS Response

Exposure Level as a % of the Standard/limit

ON/OFF Status Button

High Intensity Audible and Vibratory Warnings

USB and Tripod Connectors



Worker's safety



Telecommunications



Railway



Medical



Labs



Aeronautical



Industry



Defense

## Technical Specifications



Optional accredited calibration

Sensor type	Isotropic, RMS diode technology
Response	Shaped to specific standards
Dynamic range	1 - 300 %
Linearity	±0.5 dB (2% - 200%)
Isotropic deviation	±1 dB < 3 GHz (E field)
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 (Optional)
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.)

Versions	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