



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

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



WaveMon
wavecontrol.com
RF-60

WaveMon Applications



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
WaveMon RF-60 ICN	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
WaveMon RF-60 FCC	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
WaveMon RF-60 EUD	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
WaveMon RF-60 SC6	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
WaveMon RF-60 NATO	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

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