

VR1 WIREHOUND Wire/Cable Detector

Innovative GPR technology to fight an everchanging threat

- ✓ Suitable to detect wires of 10 cm length and more through high-end radar technology
- ✓ Detection of wires independent of relative position of the wire to the search direction (crosswise or lengthwise)
- ✓ Watertight search head with telescopic pole, hand grip with integrated control unit, electronics and extendable armrest
- ✓ Simple operation with audio, visual and vibration feedback



Blowing the cover of hidden threats by finding their lifeline

The Vallon wire detector VR1 (Wirehound) is designed to meet the very specific needs of IED and mine clearance operations involving search of cables and wires. Its mechanical design ensures a comfortable use on a daily routine basis. VR1 bases on advanced technology, with leading-edge ground penetrating radar (GPR) that provides a specialized design, optimized for wire search.

The complete user interface is integrated in the hand grip and can easily be operated with the thumb.

The LED-bargraph with 15 elements is clearly visible even in the sunlight. The length of the bargraph (number of active LEDs) is proportional to the detection signal.

The user can choose between visual, audio and vibration alarm and any combination of these.

An integrated OLED-display guides the user through the settings for simple set-up and use.

The VR1 Wirehound works with outstanding performance and indicates even short pieces of thinnest wires - independently of their orientation. Under all climatic conditions. In all scenarios.



Technical Data

General:

Power supply:	Lithium Polymer cells, rechargeable and alternative battery compartment for 4 x 1.5 V, D-cells
Operation temperature:	-31° C to +63° C
Storage temperature:	-51° C to +71° C
Environmental conditions:	according to MIL STD 810F 501.4-II, 502.4-I, 502.4-II, 503.4, 506.4-III, 514.5 C1
Waterproof: (with Lithium-Polymer-cells)	up to 1.5 m water depth (max. 30 minutes at an ambient temperature of 20 °C)
Alarm:	audio, visual, vibration
Display:	OLED
Interfaces:	Bluetooth, Cable serial

Dimensions:

Search head:	300 Ø ± 5 mm
Telescopic bar length: (handgrip - search head)	approx. 50 - 92 cm

Weights:

Detector with Li-Polymer battery (ready for operation):	approx. 3.4 kg
Detector with standard accessories in hardcase:	approx. 18.1 kg