

ALIS-RT

Main features

- TRIPLE SENSOR TECHNOLOGY: Metal Detection (MD); Carbon Rod Detection (CRD); Ground Penetrating Radar (GPR)
- Very high sensitivity
- Very high detection distance, even for objects with a small content of metal
- Adjustable sensitivity, independent for the MD/CRD Detectors and the GPR
- Automated Soil Compensation
- Very high contrast LCD transfective graphical Display
- Working channel selection for simultaneous use of several units
- Static and dynamic detection, independent of the speed
- Usable in standing, kneeling and prone position
- Built-in speaker and external earphone with adjustable volume
- Distinct alarm signals for each Detector
- High precision pin-pointing of the target
- Self-diagnosis system with audible signal in the case of malfunction or low battery
- Built-in vibration signaling device
- Battery level indicator
- Built-in battery charger
- Long battery operating time
- Light weight detection head for maximum comfort during use
- Light Weight construction
- Extremely compact, robust and reliable

Technical data

- Start-up time: 10 s
- Soil compensation time: 21 s
- Reset time: 3 s
- Batteries
 - 2 rechargeable Ni-MH 1.2V cells, ANSI standard size D or IEC size HR20 (recommended CEIA supplied batteries)
 - Operational time (after reset, at 68°F / 20°C): =8 hrs, continuous use, operating mode MD+CRD+GPR (CEIA supplied batteries)
 - Battery self-discharging: residual charge of 65% when stored for 28 days at 68°F / 20°C
 - Battery cycle life: 2-years of daily use (500 cycles , IEC standard)
 - Acoustic/visual Low Battery warning: about 1 h of operation (during this time the detection capability and all the other performances of the unit are not affected)
- Battery charger
 - Charging time: = 5 hrs
- Power supply
 - GSMD-ACPSA1 AC/DC Power Supply for the built-in battery charger. Input: 100-240V~ 50/60Hz, 25W. Dimension and weight: 3.86 in x 1.65 in x 1.26 in (98mm x 42mm x 32mm); 0.86 lbs (390g)

- GSMD-DCPSA1 DC Power Supply Cable with cigarette lighter plug. Input voltage 10...35Vdc
- Internal speaker: acoustic pressure 84dBA @30cm (volume set to maximum)
- Protection degree (IEC 60529): IP 68 (water proof to 6.5 ft (2 m) for 24 h)
- Storage temperature: -67°F to 185°F (-55°C to +85°C)
- Operating temperature: -51°F to 158°F (-46°C to +70°C)
- Complies with the international standards on radio interference and safety for human exposure to electromagnetic fields
- Dimensions
 - Detection head: Ø 10.4 in x 3 in (265mm x 75mm)
 - Detector maximum length: 61 in (1550 mm)
 - Telescopic pole length adjustment: 28.7 in (730 mm)
 - Folded detector: 33.5 in x 13.6 in x 4.7 in (850 mm x 345 mm x 120 mm)
 - Carry bag: 33.5 in x 13.8 in x 6.3 in (850 mm x 350 mm x 160 mm)
 - Transport case: 46.5 in x 17.3 in x 6.3 in (1180 mm x 440 mm x 160 mm)
- Weights
 - Metal detector, batteries included: 3100 g (6.95 lbs)
 - Earphone: 0,38 lbs (170 g)
 - Carry bag: 2.2 lbs (985 g)
 - Transport case (equipment included): 31.3 lbs (14.2 kg)