C.A.T4™ and Genny4™

DETECT MORE, FASTER, SMARTER, SAFER

>Radiodetection®

		C.A.T4	C.A.T4+	eC.A.T4	eC.A.T4+	gC.A.T4	gC.A.T4+
Avoidance Mode (A)	⚡📡	●	●	●	●	●	●
Genny™ signal locate (G)	▱	●	●	●	●	●	●
Power signal locate (P)	⚡	●	●	●	●	●	●
Radio signal locate (R)	📡	●	●	●	●	●	●
Small Diameter Locate frequency		●	●	●	●	●	●
eCert		●	●	●	●	●	●
Dynamic Overload Protection		●	●	●	●	●	●
Depth			●		●	●	●
Strike*Alert*	✳	○	○	○	○	●	●
Data acquisition	▦			●	●	●	●
Service due indicator	CAL			●	●	●	●
SWING warning	⚡			●	●	●	●
CALSafe	CAL			○	○	●	●
Bluetooth® (for future use)	✦					●	●
GPS/GNSS	🌐					●	●

● Standard   ○ Option

C.A.T4 TECHNICAL SPECIFICATIONS			Locating Depth Guide (m)	
Locate performance	Frequency Range	Sensitivity @ 1 m	Good conditions	Poor conditions
Power signals (P)	50 Hz – 1.5 kHz	3 mA	3	2
Radio signals (R)	15 kHz – 30 kHz	25 µA	2	1
Genny4 signals (G)	32.768 kHz ±20 Hz 131.072 kHz ±20 Hz	5 µA	4	2
Avoidance Mode (A)	P + R + G As above	As above	4	2

Dynamic range	120 dB @ 10 Hz
Dynamic Overload Protection	40 dB @ 50 Hz (automatic)
Locate accuracy	± 10% of depth
Depth accuracy (on undistorted signal and with no adjacent signals)	Line: 5% 0.1 m to 3 m (4 in to 10 ft), Sonde: 5% 0.1 m to 7 m (4in to 16 ft)
Horizontal GPS Position Accuracy [8]	3m CEP (Circular Error Probable)
Operating temperature range	-20°C to +50°C
Storage temperature range	-20°C to 70°C
Environmental protection	IP54
Batteries	2 x LR20 (D) 1.5 V alkaline Compatible with D type NiMH rechargeable batteries
Data interface	USB 2.0, Bluetooth® (future use)
Recommended service interval	1 year
Warranty	12 months from purchase
Data storage capacity [9] Calibration due warning [9]	2 GB Countdown from 31 days before due

GENNY4 TECHNICAL SPECIFICATIONS	
Signal output power	0.1 W
Signal boost output power	1.0 W
Induction mode signal characteristic	33 kHz
Direct connection / clamp signal characteristic	33 kHz & Small Diameter Locate frequency Automatic impedance matching on connection
Batteries:	4 x LR20 (D) 1.5 V alkaline
Warranty:	12 months from purchase

[8] GPS accuracy depends by many factors, such as: location, time of the day, weather conditions, number of satellites available and their geometry. [9] eC.A.T4 / gC.A.T4 range only

DATA ACQUISITION

Log and save key eC.A.T4 and gC.A.T4 usage parameters, recorded at 1-second intervals.

ECERT

On-demand, thorough test over the internet of the C.A.T4 locating circuitry, backed with a Radiodetection Certificate of Calibration.