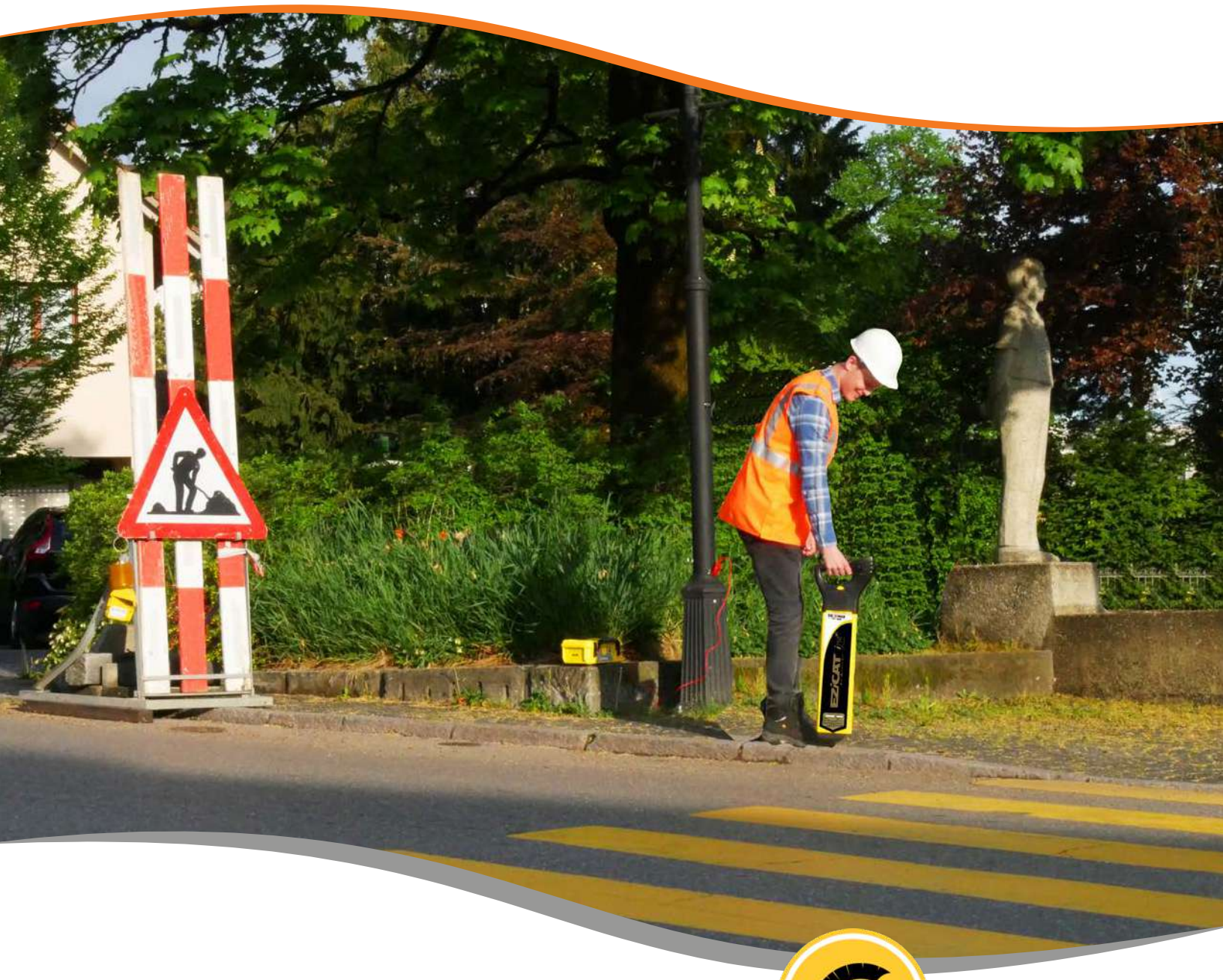
GEOMAX

Works when you do



GeoMax Locators

Every year site workers are injured and equipment damaged due to accidently striking buried cables and pipes. As the complexity of large underground networks continually increases, knowing the location of buried cables and pipes prior to excavation work has never been so important.

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EZiSYSTEM

I-SERIES

The EZiSYSTEM cable avoidance equipment makes locating buried cables and pipes easy and efficient. With an EZiCAT i-Series locator there is no need to manually adjust the sensitivity, with the unique Automatic Pinpointing feature users can simply press the trigger and start locating.



XF-SERIES

The EZiSYSTEM xf-Series utility locating and tracing equipment makes locating buried utilities easy and efficient. The xf-Series locators have additional low frequencies enabling you to locate and trace utilities over longer distances and in congested environments. With an EZiCAT locator there is no need to manually adjust the sensitivity, with the unique Automatic Pinpointing feature users can simply press the trigger and start locating.

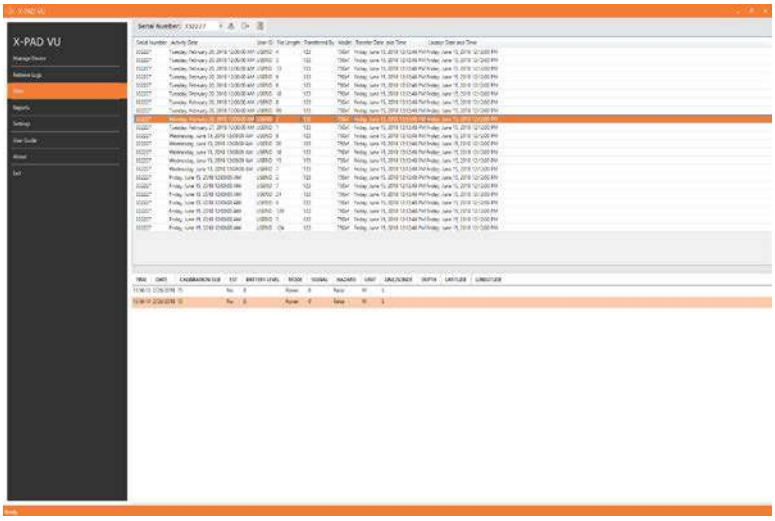




X-PAD VU Software

Upload and store records to view locators use

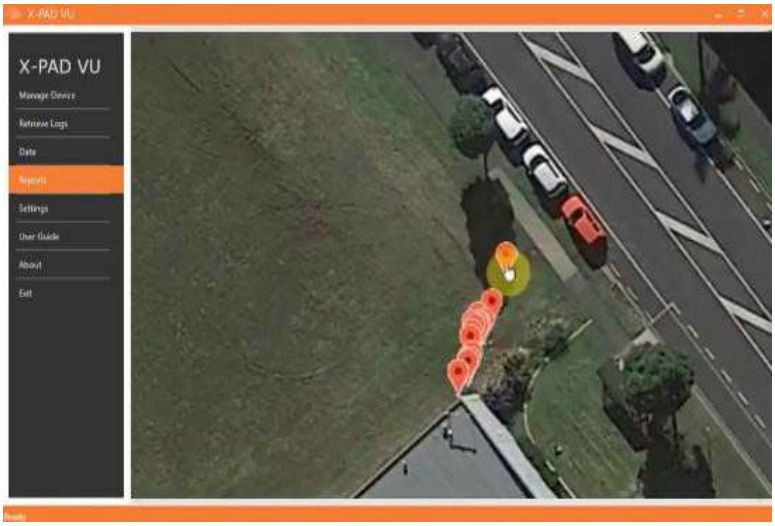
X-PAD VU allows an easy analysis of activity data from one or more EZiCAT cable locators. Simply download the data via Bluetooth to see how the data survey was conducted and issue reports of the collected data. The software can be used with all EZiCAT i700 as well as previous models of EZiCAT i600 Series.



The software allows the analyzing of the following traceable data:

- GPS positioning of use
- Time and date of use
- Usage duration
- User identification
- Used detection modes
- Detected buried utilities
- Display of calibration dates

X-PAD VU allows a map view of the GPS-enabled locators, a detailed dashboard analysis, and the issuing of summary as well as incident reports.



Works when you do

EZiCAT i500/i550 cable & pipe locators

Increase your onsite safety

Robust locators, engineered for ease of use and packed full of well known beneficial features. Making avoiding and locating buried utilities an easy and efficient task. These locators are easy to use, enabling users to simply press the trigger and start locating.

All EZiCAT locators come with the unique Automatic Pinpointing feature which makes locating buried utilities simple. You do not need to manually adjust the sensitivity of the locator because the locator does this for you automatically. Ensuring that you are using the optimum sensitivity for the environment you are locating in.

The EZiCAT i500/i550 have the well known features you need to locate buried utilities effectively.

Key features

- Automatic pinpointing
- Depth estimation (i550 only)
- Modes: Power (default), radio, auto, 8kHz, 33kHz
- Hazard zone
- Pinpoint assistance
- Signal strength indicator
- Built-in self test
- Service due indicator



EZiTEX t100 signal transmitter

Improve utility detection in areas of high signal interference

The EZiTEX t100 transmitter is compact, robust and easy to use. It is a dual frequency transmitter that has been designed in conjunction with the EZiCAT cable locators to easily and accurately avoid, trace or locate buried cables and pipes.

It is highly recommended to use an EZiTEX signal transmitter for locating buried utilities to achieve the following benefits:

- Improved utility detection in areas of high signal levels.
- Improved detection of inactive utilities such as street lights.
- Enables depth estimation, when using a depth estimation cable locator.
- Enables you to locate non conductive utilities (e.g plastic, concrete etc) when used in conjunction with EZiSYSTEM accessories.

Using an EZiTEX signal transmitter will significantly improve the locate process and reduce utility damage.

Key features

- Clear audio and visual controls
- Modes; 33kHz and 8khz (mixed 33kHz and 8kHz in connection mode)
- Built-in self test



EZiCAT i750xf GPS & data logging cable locator

With GPS technology and data logging capability

The highly intelligent i750xf locator has fully integrated GPS technology and data logging capability, logging information on how, when and where the locator has been used. This data can help you identify training needs and improve user performance, leading to a decrease in utility damage and associated expensive costs.

You can quickly download and analyze the locating data via Bluetooth to the X-PAD VU software on your PC. Another option is to use the latest X-PAD VU Android or Apple IOS app to email data directly to the office for integration with X-PAD VU.

The i750xf locator, as with all xf-Series locators, has the added benefit of extended low tracing frequencies, making locating and tracing buried utilities over long distances an easy and efficient task.

All EZiCAT locators, have the unique Automatic Pinpointing feature which makes locating buried utilities easy and simple. No need to manually adjust the sensitivity, the locator does this automatically for you. Ensuring optimal performance.

Key features

- Automatic pinpointing
- Fully integrated GPS
- Fully integrated data logging
- Bluetooth® connectivity
- Depth estimation
- Modes: Power (default), radio, auto, 8kHz, 33kHz, 512Hz, 640 Hz
- Hazard zone
- Pinpoint assist
- Signal strength indicator
- Built-in self test
- Service due indicator



EZiTEX t300xf Signal transmitters

Locate more buried utilities over longer distances

The t300xf signal transmitter is compact, robust and easy to use. It has four frequencies designed to trace buried utilities over long distances when used in conjunction with the EZiCAT xf-Series cable locators.

We would always recommend using an EZiTEX xf-Series signal transmitter whenever you are trying to locate buried utilities using an xf-Series EZiCAT locator.

- Improved utility detection in areas of high signal levels.
- Improved detection of inactive utilities such as street lights.
- Enables depth estimation, when using a depth estimation cable locator.
- Enables you to locate non conductive utilities (e.g plastic, concrete etc) when used in conjunction with EZiSYSTEM accessories.
- Long distance utility tracing

Key features

- Clear audio and visual controls
- Modes; 33kHz, 8khz, 512Hz and 640Hz (mixed 33kHz and 8kHz in connection mode)
- Built-in self test



Works when you do



TRACE ROD

The Trace Rod is a flexible rod which enables the detection of non–metallic drains, ducts or pipes when used in conjunction with the EZiTEX signal transmitter and EZiCAT cable locator.
It is available in lengths of 50m (164’) or 80m (262’).
The Trace Rod is inserted and pushed along the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Tracing the path of small diameter pipes or drains
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don‘t produce a signal.



100MM (4”) TRANSMITTER CLAMP

The 100mm (4”) Transmitter Clamp is a lightweight and robust clamp used to apply a traceable signal to buried conductive utilities, when used in conjunction with an EZiTEX signal transmitter. It operates in 33kHz.
The Transmitter Clamp is clamped around the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Locating and tracing the path of a specific utility
- For highly congested areas of buried utilities
- To increase the thoroughness of your utility survey.



80MM (3.15”) TRANSMITTER CLAMP

The 80mm (3.15”) Transmitter Clamp is a robust clamp used to apply a traceable signal to buried conductive utilities, when used in conjunction with an EZiTEX signal transmitter. It operates in with frequencies from 512Hz to 33kHz.
The Transmitter Clamp is clamped around the utility under investigation. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Locating and tracing the path of a specific utility
- For highly congested areas of buried utilities
- To increase the thoroughness of your utility survey.





DUAL FREQUENCY SONDE

This dual frequency compact sonde can be used to trace drains, sewers and other nonconductive utilities. It acts like a signal transmitter and can be attached to a range of equipment including drain rods, boring tools and inspection cameras. Once attached to a rod (or similar) the Sonde can be inserted and pushed along the utility under investigation.
Using an EZiCAT cable locator trace the route of the utility or find the position of the blockage. It operates in 8kHz or 33kHz as indicated by its flashing LED.

Ideal for:

- Tracing the path of a pipe or drain
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don’t produce a signal.
- The depth range of the Sonde is up to 5m.



MAXI SONDE

This dual frequency Sonde can be used to trace drains, sewers and other nonconductive utilities. It acts like a signal transmitter and can be attached to a range of equipment including drain rods, boring tools and inspection cameras. Once attached to a rod (or similar) the Sonde can be inserted and pushed along the utility under investigation.
Using an EZiCAT cable locator trace the route of the utility or find the position of the blockage. It operates in 8kHz or 33kHz as indicated by its flashing LED.

Ideal for:

- Tracing the path of a pipe or drain
- Locating blockages or collapses in drains
- Locating or tracing non-metallic pipes that don‘t produce a signal.
- The depth range of the Sonde is 12m.



PROPERTY CONNECTION SET

The Property Connection Set is used to apply a traceable signal to live electricity power cables when used in conjunction with the EZiTEX signal transmitter. This will enable you to trace the power cable around the outside of the property to the mains feed or outbuildings such as garages. It operates in 33kHz.
The Property Connection Set is plugged in to a live power socket. The EZiTEX signal transmitter is used to apply a trace signal which is then detected by the EZiCAT cable locator.

Ideal for:

- Quickly and easily identifying the electricity cable.



GeoMax Locators Family - Overview

	EZiCAT i500	EZiCAT i550	EZiCAT 750xf
Power	50Hz model or 60Hz model	50Hz model or 60Hz model	50Hz model or 60Hz model
Radio	15kHz to 60kHz	15kHz to 60kHz	15kHz to 60kHz
Auto	Power, Radio, 33kHz	Power, Radio, 33kHz	Power, Radio, 33kHz
Transmitter mode	32.768 (33) kHz 8.192 (8) kHz	32.768 (33) kHz 8.192 (8) kHz	32.768 (33) kHz 8.192 (8) kHz 640Hz 512Hz
Depth range	Line or Sonde 0.32ft to 9.84	Line or Sonde 0.32ft to 9.84	Line = 0.32ft to 9.84ft Sonde = 0.32ft to 32.48ft
Depth accuracy*	10%	10%	10%
Bluetooth®	--	--	Class 2 Low energy
GPS**	--	--	Chipset (1): u-blox®GPS; **Type:** GPS L1C/A; **Accuracy (2):** Horizontal Position 2.5 m Autonomous, 2.0 m SBAS,CEP; **Start time:** Cold 45 s typical, Aided 7 s typical, Hot 1 s typical
Memory capacity	--	--	64MB
Battery	6 x AA Alkaline (IEC LR6) supplied	6 x AA Alkaline (IEC LR6) supplied	6 x AA Alkaline (IEC LR6) supplied
Battery operating time	40 h intermittent use (at 68°F)	40 h intermittent use (at 68°F)	40 h intermittent use (at 68°F)
Dimensions (HxWxD)	29.9 x 9.84 x 3.3in	29.9 x 9.84 x 3.3in	29.9 x 9.84 x 3.3in
Weight with batteries	6lbs	6lbs	6lbs

*Depth to an undistorted signal
** (1) All data/information according to manufacturer u-blox®GPS; GeoMax Positioning does not assume any liability whatsoever for such information.
(2) Accuracy is dependent upon various factors including atmospheric conditions, multipath, obstructions, signal geometry and number of tracked satellites.

	Ezitex t100	Ezitex t300xf
Frequency	8kHz, 33kHz	8kHz, 33kHz, 640Hz, 512Hz
Protection	IP67 Case lid closed, IP65 Case lid open	IP67 Case lid closed, IP65 Case lid open
Connection Power Output (when connected to a buried utility with an impedance of 300 Ω)	Up to 1W max	Up to 3W max
Induction Power Output	Up to 1W max	Up to 3W max
Power Output Control	4 power level setting	4 power level setting
Batteries	4 x D alkaline (IEC LR20) supplied	4 x D alkaline (IEC LR20) supplied
Battery operating time	30 h intermittent use (at 68°F)	15 h intermittent use (at 68°F)
Weight & dimensions	5.5lbs - 5.24in (H) x 8.11in (D) x 9.84in (W)	5.5lbs - 5.24in (H) x 8.11in (D) x 9.84in (W)

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GEOMAX

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