

Ashtech FT-1 Field Terminal

Frequently Asked Questions

1. What is the FT-1 Field Terminal?

Ashtech FT-1 field terminal is a rugged and waterproof device specifically adapted for outdoor use with GNSS receivers such as the ProMark 500. It provides a full alphanumeric keyboard for easy text entry and operations. The FT-1 field terminal comes standard with Ashtech's FAST Survey software for data collection and GNSS receiver control.

2. If the FT-1 field terminal is an Ashtech product as per the Ashtech nameplate on the product, why do I see a Carlson logo on the keypad and Carlson name on the sticker on the back of the device?

Ashtech FT-1 Field Terminal is an OEM, re-branded version of the Carlson Surveyor+ device. It was specifically customized for Ashtech including the Ashtech logo nameplate, Ashtech splash screen and the Ashtech FAST Survey application delivered with the unit. However, there are still some references to Carlson visible such as logo or name on some labels.

3. What kind and size of processor does the FT-1 use?

The FT-1 field terminal has a PXA 270 CPU which is running at 624 MHz. There is also the possibility to set the CPU speed down to 208 MHz, and thus conserve battery autonomy: **Start -> Settings -> System -> Power -> Processor.**

4. What software is standard with FT-1 field terminal?

The FT-1 field terminal is delivered with FAST Survey software. Note that the FAST Survey software is not pre-installed on the FT-1 and must be installed using the installation CD which comes with the unit.

5. On the FAST Survey installation CD, I cannot find any installation file(s) related to the FT-1 product. What should I choose?

Indeed, the FAST Survey version 2.3.5.4 does not list the FT-1 device yet, and thus one has to choose the *Allegro MX* installation program. The FT-1 specific build name will be provided on newer versions of FAST Survey moving forward.

6. After FAST Survey software installation, I cannot see the FAST Survey shortcut on the Today screen, nor do I see it under Programs menu. What's wrong?

There is a limitation in the FAST Survey version 2.3.5.4, which is corrected in subsequent versions. The 2.3.5.4 version is not creating shortcuts either on the *Today* screen or under *Programs* menu. We strongly advise using the custom left function (soft) key (with Carlson logo) to assign it to the FAST Survey software: **Start -> Settings -> Buttons -> Program Buttons**

- Select **Left Soft Key** under **Select a button**
- Choose **FAST Survey** in the list under **Assign a program**

Tap **OK** on top of the window.

Now, each time you press the left soft key (with Carlson logo) you will launch FAST Survey application.

Newer versions of FAST Survey are installing FAST Survey shortcuts directly on the *Today* screen and under *Programs* menu. Nevertheless we strongly advise you to assign FAST Survey software to the left soft key anyway.

7. What language packs are provided for the Operating System and FAST Survey software?

The FT-1 field terminal can be delivered in one of three Windows Mobile 6.1 OS languages available: English (default), Spanish or Portuguese. The choice of the OS language must be made at the time of purchase as the Microsoft policy does not authorize any further OS language modification.

However, the FAST Survey software language can be chosen by the customer at the time of installation of the software from the installation CD delivered with the FT-1 unit. Several languages are available including: English, Spanish, Portuguese, Italian, French, etc.

In the case the FAST Survey language does not match the OS language, you may set the FAST Survey language under Regional Settings which may slightly improve the FAST Survey language support: **Start -> Settings -> System -> Regional Settings -> Region.**

8. Can Ashtech MobileMapper Field or ProMark Field software be loaded and used on the device?

No. MobileMapper Field and ProMark Field applications have not been designed be loaded and used on the FT-1 device.

9. Can any other Windows Mobile compatible software be loaded and used on the device?

The FT-1 device is running a standard Windows Mobile 6.1 OS and thus is compatible with any application designed for this operating system. However, Ashtech did not test and validate any other application than FAST Survey and therefore we do recommend using FT-1 unit only with the FAST Survey software.

10. Where is the Micro SD card slot?

The Micro SD card slot is located inside the battery compartment. Thus one has to remove the battery door before being able to place the Micro SD card in to the memory card slot. Note that the main battery does not need to be pulled out in order to access the memory card location.

11. Can I use a second battery in addition to the main one?

Indeed, under the battery cover one can see an additional space for a second batter and thus have the possibility to extend the product autonomy. Note that Ashtech is not providing spare batteries. These need to be purchased through our partner, Carlson Software.

12. What are the standard accessories delivered with the device?

Together with the FT-1 field terminal, Ashtech is providing the following accessories:

- AC/DC charger

- USB data cable
- Field pole bracket
- Tripod hook
- Stylus
- Handstrap
- Transportation hard case

13. Are there any other additional accessories or modules which can be purchased?

Ashtech is not providing any other accessory other than those delivered as standard with the device. Other accessories, including spare batteries, can be purchased through our partner, Carlson Software.