

ProMark 500 Technical Note

Date: March 2nd, 2012

Product: ProMark 500

Subject: Using USB cables for ProMark 500 file management

Summary

Some customers use the long USB cable (PN 702103) to download data from their ProMark 500 device to a Windows PC and then delete the data files from the PC using Windows file management system. It is not recommended that this cable be used for deleting files.

Problem description

This is a known compatibility issue between the Windows OS (PC) and Linux OS (ProMark 500). Linux OS allows a Windows PC to see and read (download) the content of a Linux OS memory, however if someone tries to write or erase files from Windows OS, then there is a risk of file corruption or any other abnormal behaviour.

Recommendations

There are several recommended options and operations for data download and deletion.

You can download the ProMark 500 data in the following way:

- Directly from ProMark 500 to your PC using the long USB cable (PN 702103)
- To a USB mass storage device using the short USB cable (PN 702104). Then copy the data from the USB mass storage to the PC

Once the data from ProMark 500 internal memory are downloaded, delete the data files from the ProMark 500 memory using one the following options:

- Use FAST Survey application to delete data recorded on the internal memory of ProMark 500 (go to Survey/Log Raw GPS/File Manager menu)
- Use the \$PASHS,FIL,D,999 command to erase all files in ProMark 500 memory*
- Use the \$PASHS,INI,2 command to erase (format) ProMark 500 memory*
- Use the \$PASHS,INI,3 command to erase (format) ProMark 500 memory*

* A USB key can be configured and used with the shorter USB cable (PN702104) so that this \$PASH command is executed from the front panel display with a single button push. Command shall be written with a text editor such as notepad and then saved with the name "autoconfig.cmd" Consult reference manual for complete instructions.