

ProFlex 800 Technical Note

Date: July 17th, 2012

Product: ProFlex 800

Subject: Using USB cables for ProFlex 800 file management

Summary

Some customers use the long USB cable (PN 702103) to download data from their ProFlex 800 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 (ProFlex 800). 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 ProFlex 800 data in the following way:

- Directly from ProFlex 800 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 ProFlex 800 internal memory are downloaded, delete the data files from the ProFlex 800 memory using one the following options:

- Use FAST Survey application to delete data recorded on the internal memory of ProFlex 800 (go to Survey/Log Raw GPS/File Manager menu)
- Use the \$PASHS,FIL,D,999 command to erase all files in ProFlex 800 memory*
- Use the \$PASHS,INI,2 command to erase (format) ProFlex 800 memory*
- Use the \$PASHS,INI,3 command to erase (format) ProFlex 800 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.