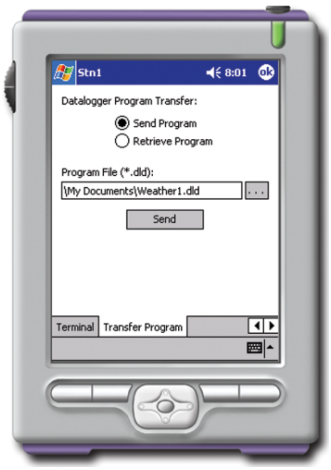
CAMPBELL SCIENTIFIC
WHEN MEASUREMENTS MATTER

PCONNECTCE

PocketPC Datalogger Software with Connector and Cable



Software for Windows Mobile and Pocket PC PDAs

Overview

Current Version: 2.33

PConnectCE software supports communications between a Campbell Scientific datalogger and a PocketPC or Windows Mobile device. PConnectCE allows you to go into the field carrying only your PDA and cables instead of having to lug a laptop computer to communicate with your datalogger and collect your data.

Technical Description

PConnectCE can be used to collect data from the datalogger, and transfer the data to an office PC. Collected data are transferred to the PC during the ActiveSync® process. This process also synchronizes program files between the handheld and the PC.

Functions supported by PConnectCE includes the capability to:

- Create unique station files for each datalogger
- Collect data from the datalogger
- Display real-time datalogger measurements. Measurements are updated every two seconds.
- Set datalogger flags, ports, and clock
- Access the datalogger terminal mode
- Transfer datalogger programs between the datalogger and handheld
- Display Final Storage data in tabular or comma-separated format
- Communicate using a direct serial connection, RF401-series Spread Spectrum Radio, or Bluetooth
- Graph one element from any array
- Communicate at baud rates of 38,400 bps (CR800, CR850, CR1000, CR23X, CR3000) and 9,600 bps (all other dataloggers)

DCE/DTE Information

PConnectCE ships with connectors and cables that assume the PDA acts as a DCE device (data communications equipment), with the 9-pin cable terminating in a female connection. Some PDAs act like a DTE device (data terminal equipment) and the 9-pin cable terminates in a male connection. If this is the case, for communication via the CS I/O port, you will most likely use an SC32B (purchased separately) in place of the PDA-to-CSI/O connector that ships with the software. To communicate via the datalogger's RS-232 port, the PDA's serial cable can be plugged in directly to the datalogger's RS-232 port (or a standard serial cable can be used if extended cable length is required). There may be exceptions, however, to this general rule. If you have questions about the RS-232 capabilities of your handheld device, check with the device manufacturer.

Specifications

Current Version	Version 2.33 began shipping in May 2008.
Software Requirements	❱ A compatible version of Microsoft ActiveSync installed on the PC ❱ One copy of PConnectCE software per handheld
PDA Operating System	Microsoft Pocket PC or Windows Mobile
Computer Requirements	Windows-based, 32-bit operating system (Windows 95, 98, ME, NT, or XP; not designed for Windows 7 and might not work with that OS)
Operating Temperature	-25° to +50°C
CE Compliance	CE Compliant
PDA to RS-232 Cable Length	38.0 cm (15.0 in.)
PDA to RS-232 Cable Weight	75 g (2.6 oz)
PDA to CS I/O Connector Dimensions	2.3 x 4.1 x 7.6 cm (0.9 x 1.6 x 3.0 in.)
PDA to CS I/O Connector Weight	41 g (1.6 oz)

For comprehensive details, visit: www.campbellsci.eu/pconnectce-pocketpc-winmobile

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