

PConnectCE - HandHeld Compatibility Chart

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Disclaimer: The information contained herein is accurate to the best of our knowledge. However, Campbell Scientific makes no warranties, either expressed or implied, that the units listed below will work with the PConnectCE software or with your particular system.

Note that HP often releases "series" of their products, such as the "iPaq 2100 Series", which includes the 2100, 2110, 2115, etc. These units are typically the same unit distributed through different marketing channels (direct US, overseas, OEM...). Listed below are the models that have been tested, but if a 3100 tests as compatible, any 31XX should also be compatible.

Compatible

CE Device	Status
Aero 1550	Compatible
Archer (Juniper Systems)	Compatible. Rugged PDA. Device brings out a DTE serial port. Use communication cables as if you were connecting to the datalogger using a PC (e.g., SC32B for CS I/O, standard serial cable for RS232). NOTE: SC32B must be purchased separately from CSI.
ASUS MyPal A370	Compatible. Tested in-house with bluetooth communication only.
AudioVox Maestro	Compatible with socket card. Tested in house with customer's PDA and Socket (brand) Serial I/O card. I/O card maps to COM port 4, so PConnectCE version 2.0 or greater is required . F/F null modem cable is required between the Serial I/O card and the PConnect connector. This unit is the same as the Toshiba e570 but with less memory. No indication of whether a PDA to serial cable is available for this unit.
Dell Axim X5	Compatible
HP Jornada 540	Compatible
iPaq HX2110	Compatible -- reported by affiliate (as tested by customer)
iPaq 2215	Compatible -- ActiveSync may have to be disabled to communicate with datalogger. When you connect to a datalogger, the iPaq 2215 tries to "hotsync"; therefore, PConnectCE cannot communicate. You will need to first disable ActiveSync on the PDA: Open ActiveSync. Select Tools Options. Uncheck "Enable PC sync using this connection". Select OK. Do a standard Reset by pushing the button in the back of the PDA. ActiveSync will need to be re-enabled to transfer the collected data to the PC.
iPaq hx2495	Compatible. Tested in-house by AE.
iPaq 3150	Compatible
iPaq rx3715	Compatible (tested by developer). Serial cable: HP USB/Serial ActiveSync cable P/N FA122A#AC3
iPaq 3765	Compatible
iPaq 3800/3850	Compatible -- USB to serial third party cable available
iPaq 3950	Compatible
iPaq 4155	Compatible (confirmed by customer. USB to serial cable @ thesupplynet.com P/N 191002-B22)
iPaq 4350	Compatible (tested by customer, not in-house).
iPaq 4700	Compatible. Tested in-house.
iPaq 5150	Compatible (tested by customer, not in-house).
iPaq 5550	Compatible (tested by customer, not in-house).
Qtek S200 PDA Phone	Tested by customer using Bluetooth communication and reported to work. Note that most "Smart Phones" have a smaller screen than a standard Windows Mobile device and are incompatible with PconnectCE, but the S200 is a "PDA Phone" with a full-sized screen.
Toshiba e570	See AudioVox Maestro
Toshiba e740	Appears compatible (not tested in-house, but by customer). With a special USB host adapter and USB to Serial cable (see pc-mobile.net/toshiba.htm), you can use an SC32B, or, the Pconnector with a null-modem adaptor/cable on the PDA side. NOTE: SC32B must be purchased separately from CSI.
Tripod Data Systems Recon	Compatible (tested in-house). Rugged PDA

CE Device	Status
ViewSonic V36	Compatible

Incompatible/Uncertain

CE Device	Status
Dell Axim X3	Appears to be incompatible. Conflicting info on whether or not unit supports serial comms. If it does, it may require H/W flow control which PConnectCE doesn't support.
Dell Axim X51v	Dell has implemented the Microsoft Bluetooth stack, which appears to be incompatible with most bluetooth devices (other PDA & laptop manufacturers use a Widcomm stack). There is a patch floating around on the web for Widcomm which can be installed, but if the user does this it is at his own risk/support. Serial communication or IR not tested.
Fujitsu Pcentra	Incompatible -- HandHeld PC not PocketPC
HP Jornada 728	Incompatible -- OS is HandHeld PC (not Pocket PC)
iPaq 1920, 1940, 1945	Incompatible -- has no serial communication capability
iPaq rx3115	Questionable. One customer was successful with serial communication; another was not. Not tested in-house. (this model is different than the 3100 series above)
iPaq hw6515 Mobile Messenger	(phone/PDA) Not compatible. Screen is not a standard sized PocketPC screen. Software loads but you can't see essential parts of PConnectCE display. (tested in-house)
MicroFlex 2240 (DAP)	Has serial port, but vendor tells AE that there is no way to turn this on except through software (and our software does not do this).
Toshiba e310	Currently incompatible -- no USB to serial cable available
Trimble GeoExplorer CE	Incompatible -- Hand-held PC (not Pocket PC)

Notes

OSes supported: PocketPC, PocketPC 2003, Windows Mobile.

Bluetooth to serial port adapters tested: Initium Promi SD202, IOGear GBS301 and Roving Networks BluePort-XP. A customer reports using a Free2Move Bluetooth adapter, but it has not been tested in-house.

Bluetooth adapters require 5V to 12V power. Most come with A/C adapters and all can be powered from pin 9 of the port. CSI dataloggers do not provide power on pin 9. Some devices also have a barrel connector with two leads (PWR & GND), allowing power from 5V or 12V terminal of the wiring panel. Any power supplied by the datalogger must be considered in the overall power budget of the system.

PDAs that support Compact Flash cards may be able to use the Socket Communications' CompactFlash Serial I/O adapter (\$150): <http://www.socketcom.com/product/SL2700-096.asp> (requires female/female null modem adapter).