CarNetix

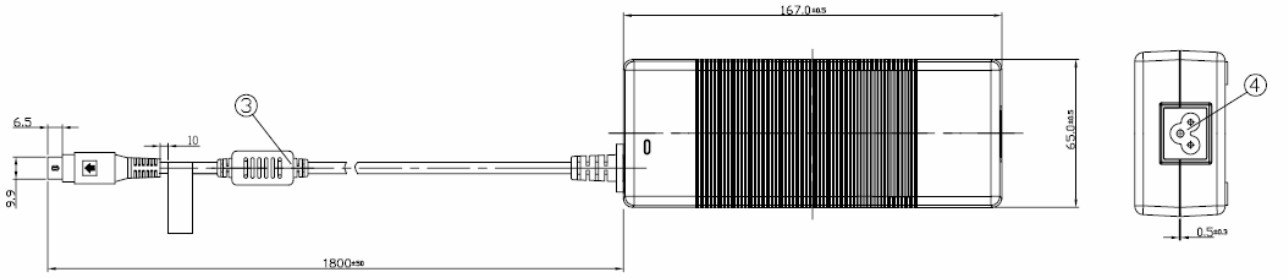
IWill ZPCgx Power Cable
CNX-P1900 Connection Instructions

Version 1.0

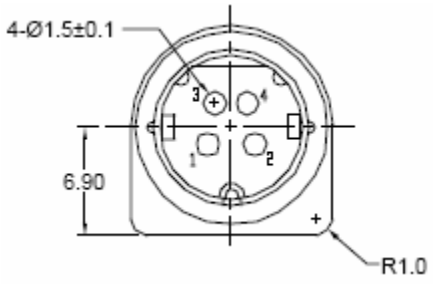
June 1, 2005

The CarNetix CNX-P1900 regulator can be used to provide power to the IWill ZPCgx PC by attaching the optional power cable CNX-CA-PWR shown below.

However, the pin assignments for the IWill ZPCgx are different from those used by other manufacturers (ie Sumicom and Xenarc). The AC adapter that comes with the IWill ZPCgx is the FSP120-AAB. Double check that your AC adapter is the FSP120-AAB. If your adapter is NOT the FSP120-AAB, contact CarNetix technical support before attempting to connect your IWill ZPCgx. Below is a picture of the FSP120-AAB AC adapter.

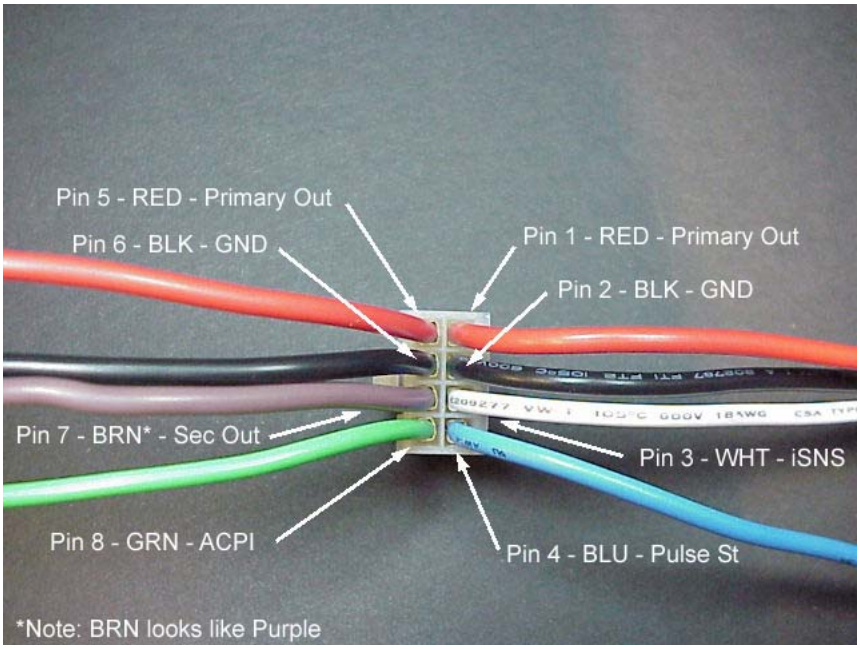


Once you have verified that your AC adapter is the FSP120-AAB, connect the CNX-CA-PWR cable per the pin assignments below.



Pin	***Wire Color***	***Function***
1	RED	GND
2	WHITE	+19V
3	BLACK	GND
4	YELLOW	+19V

Note that the wire colors on the CNX-CA-PWR power cable WILL NOT MATCH THE WIRE COLORS OF THE J2 POWER CABLE OF THE P1900. Below is a diagram of the J2 pin assignments for the P1900.



The table below shows the connections between the P1900 J2 output cable and the CNX-CA-PWR optional power cable. Again, note that the wire colors do not match.

P1900 J2			***CNX-CA-PWR***		
1	RED	+19V Primary Output	2	WHITE	+19V
2	BLACK	GROUND	1	RED	GROUND
3	WHITE	iSENSE			
4	BLUE	DLYON			
5	RED	+19V Primary Output	4	YELLOW	+19V
6	BLACK	GROUND	3	BLACK	GROUND
7	BROWN	Secondary Output			
8	GREEN	ACPI			

It is advisable to double check the connections and pin assignments before applying power to your IWill PC. You should check the output voltages of your AC adapter using a voltmeter, and make sure they are consistent with the assignments give in the table above.

If you have any questions about these connections, please contact CarNetix Technical Support before using the system.