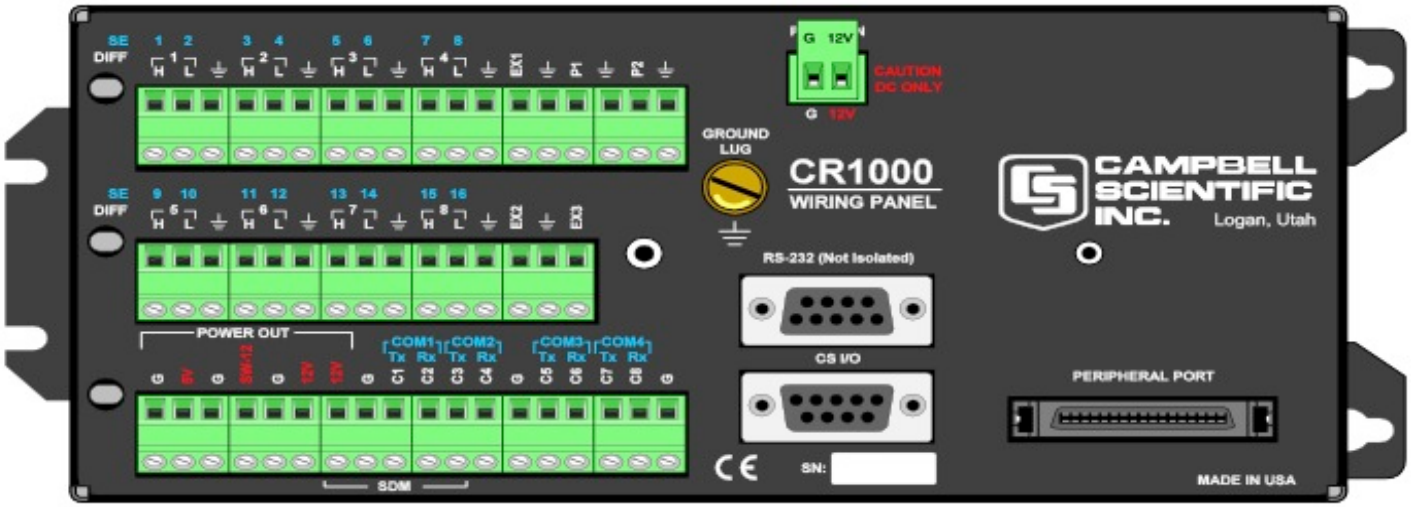
USGS CR1000 Wiring Diagram
Project: APEX autochamber system



	G	to power (red)	G 12V	12V	to multiplexer H1 COMM -- reference resistor to ground		1H (SE1)
	5V	to power (black)		G	to multiplexer H2 COMM		1L (SE2)
	G				resistor to 1H		⏚
	SW-12	to licor input 9		5H (SE9)			2H (SE3)
	G	top licor input 10		5L (SE10)			2L (SE4)
	12V			⏚			⏚
to AC/DC controller	12V	to licor input 7		6H (SE11)			3H (SE5)
to AC/DC controller	G	to licor input 8		6L (SE12)			3L (SE6)
to AC/DC controller (to C1)	C1 (COM1 Tx)			⏚			⏚
to AC/DC controller (to C2)	C2 (COM1 Rx)			7H (SE13)			4H (SE7)
to AC/DC controller (to C3)	C3 (COM2 Tx)			7L (SE14)			4L (SE8)
to multiplexer L2 COMM	C4 (COM2 Rx)			⏚			⏚
	G			8H (SE15)	to multiplexer L1 COMM		EX1
to Multiplexer reset (RES)	C5 (COM3 Tx)			8L (SE16)			⏚
To multiplexer clock (CLK)	C6 (COM3 Rx)			⏚			P1
	C7 (COM4 Tx)			EX2			⏚
	C8 (COM4 Rx)			⏚			P2
	G			EX3			⏚