



# CRS-8RJ Connector Pin Out:

9-PIN D (J3)	DESCRIPTION
1	Power ground
2	Power ground
3	+12VDC
4	RS-485+ (Primary)
5	RS-485- (Primary)
6	Panel Address Bit 0
7	Panel Address Bit 1
8	Panel Address Bit 3
9	Panel Address Bit 2

RJ-45 (J1 & J2)	DESCRIPTION
1	RS-485+ (Primary)
2	RS-485- (Primary)
3	Power ground
4	Power (See Note 2)
5	Power (See Note 2)
6	Power ground
7	RS-485+ (Auxiliary)
8	RS-485- (Auxiliary)

Note 1: Apply +12 volts DC using ONLY ONE of J1, J2, or J3.

Note 2: J1 (J2)-pins 4 & 5 are connected to DS1-Switch 7 (8).

Switch 7 (8) must be ON for J1 (J2)-pins 4 & 5 to be connected to +12VDC.

If Switch 7 (8) is OFF, J1 (J2)-pins 4 & 5 are isolated from +12VDC.

See Switch (DS1) description below.

SWITCH (DS1)	DESCRIPTION
1,2,3,4,5,6	Panel Address Bits 0,1,2,3,4,5 respectively
	1,2,3,4,5,6 = OFF,OFF,OFF,OFF,OFF,OFF: Address = A0
	1,2,3,4,5,6 = ON,OFF,OFF,OFF,OFF,OFF: Address = A1
	1,2,3,4,5,6 = OFF,ON,OFF,OFF,OFF,OFF: Address = A2
	1,2,3,4,5,6 = ON,ON,OFF,OFF,OFF,OFF: Address = A3
7	If ON, connects J1-pins 4 & 5 to +12VDC.
8	If ON, connects J2-pins 4 & 5 to +12VDC.

JUMPER (J5)	DESCRIPTION
	Placing a jumper on J5 connects +12VDC to J4-pin 4 to provide off-board Auxiliary Power.