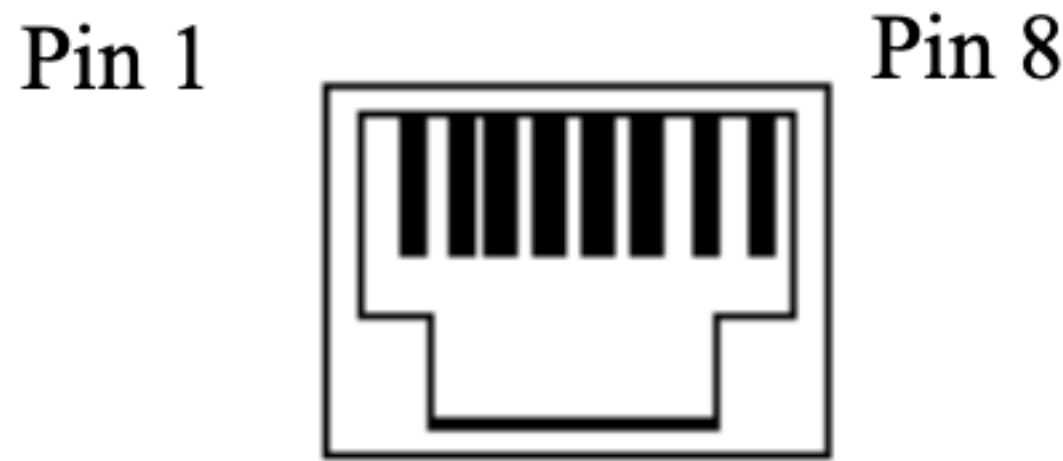


## RJ45 (for SDS32C/SDS16C/SDS8C)

### Dual Ethernet and Electric Utility models

This section defines the pinouts for the RJ45 connection for the Dual Ethernet (SDSxxC models) and Electric Utility models. The serial ports can be set to operate in EIA-232, EIA-422 or EIA-485 mode. The table provides the pinout for each of the modes of operation. The console port is an EIA-232 dedicated port. It's pinout is detailed in a separate table below.



The following table provides pinout information for the serial ports:

Pin#	EIA-232	EIA-422	EIA-485 Full Duplex	EIA-485 Half Duplex
1	RTS (out)	TxD+	TxD+	DATA+
2	DTR(out)			
3	TxD (out)	TxD-	TxD-	DATA-
4	GND	GND	GND	GND
5	GND	GND	GND	GND
6	RxD (in)	RxD+	RxD+	
7	DSR (in)			
8	CTS (in)	RxD-	RxD-	

The following table provides pinout information for the Admin port. For some models Perle supply's a RJ45 Admin cable (part# 1107015-10) that should be used to connect from the Admin port on the IOLAN to the (some models) Perle supplied RJ45 to serial adapter.

Pinout 8-pin	EIA-232 Admin Port
1	DCD (in)
2	RTS (out)
3	DSR (in)
4	TxD (out)
5	RxD (in)
6	GND
7	CTS (in)
8	DTR (out)