

IOLAN DS/SDS1 RS 232 PIN CONFIGURATION

DB25 Pin	DB9 Pin	Description	Type
2	3	TXD Data	Output
3	2	RXD Data	Input
4	7	RTS	Output
5	8	CTS	Input
6	6	DSR	Input
7	5	Sig Gnd	Gnd
8	1	DCD	Input
9	-	Power Out	out
12	-	Power In	In
20	4	DTR	Output

Note: Power Out option not available on the IOLAN DS1.

DB-25 to DB-25, straight-thru

DB-25 M		DB-25 M / F	
2	TxD	TxD	2
3	RxD	RxD	3
7	Gnd	Gnd	7
20	DTR	DTR	20
6	DSR	DSR	6
8	DCD	DCD	8
4	RTS	RTS	4
5	CTS	CTS	5

DB-25 to DB-25, crossover

DB-25 M		DB-25 M/F	
2	TxD	RxD	3
3	RxD	TxD	2
7	Gnd	Gnd	7
20	DTR	DSR	6
		DCD	8
6	DSR	DTR	20
8	DCD		
4	RTS	CTS	5
5	CTS	RTS	4

IOLAN DS1/SDS1 DB9/DB25 Cable Pin-Outs

DB-25 to DB-9, straight-thru

DB-25 M		DB-9 M/F
2	TxD -----	TxD 3
3	RxD -----	RxD 2
7	Gnd -----	Gnd 5
20	DTR -----	DTR 4
6	DSR -----	DSR 6
8	DCD -----	DCD 1
4	RTS -----	RTS 7
5	CTS -----	CTS 8

DB-25 to DB-9, crossover

DB-25 M		DB-9 M/F
2	TxD -----	RxD 2
3	RxD -----	TxD 3
7	Gnd -----	Gnd 5
20	DTR -----	DCD 1
	-----	DSR 6
6	DSR ---	DTR 4
8	DCD ---	
4	RTS -----	CTS 8
5	CTS -----	RTS 7

DB-9 to DB-9, crossover

DB-9 M / F		DB-9 M / F
1	DCD -----+	DTR 4
6	DSR -----+	
2	RxD -----	TxD 3
3	TxD -----	RxD 2
4	DTR -----+	DCD 1
	+-----	DSR 6
5	GND -----	GND 5
7	RTS -----	CTS 8
8	CTS -----	RTS 7

IOLAN DS1/SDS1 DB9/DB25 Cable Pin-Outs

DB-9 to DB-9 straight-thru

DB-9	M/F		DB-9	M/F
3	TxD	-----	TxD	3
2	RxD	-----	RxD	2
5	Gnd	-----	Gnd	5
4	DTR	-----	DTR	4
6	DSR	-----	DSR	6
1	DCD	-----	DCD	1
7	RTS	-----	RTS	7
8	CTS	-----	CTS	8