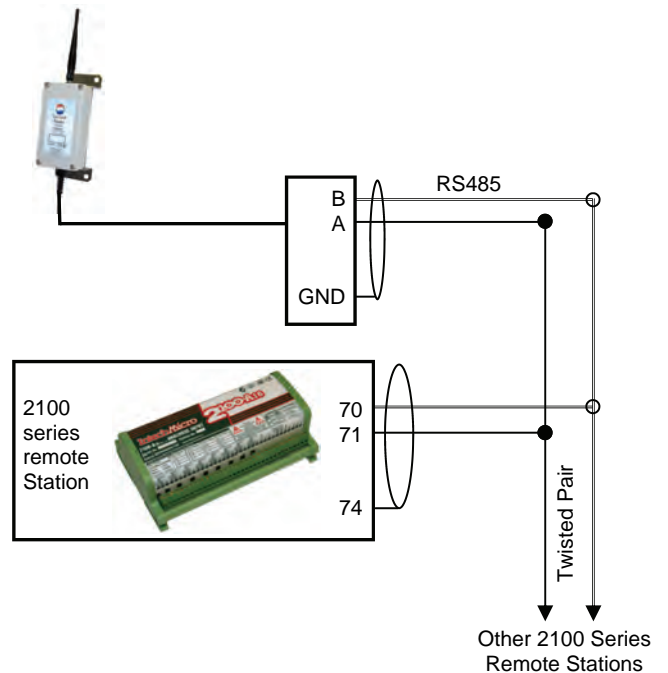# Tel-Link Radio Modems
RS422 & RS485 Serial Connections

4-Wire RS422 Serial Connections

RS232

Tel-Link Radio Modem Configured as RS422

2100-IS
RS232 to RS422/485
Converter / Isolator

74	73	72	71	70	2100-IS/NS Terminal
Com	RX+	RX-	TX+	TX-	

B
A
Z
Y
GND

Twisted Pair   Twisted Pair

Other 2100 Series
Remote Stations

Z
Y
B
A
GND

RS422

2100 series remote Station	70
	71
	72
	73
	74

Twisted Pair   Twisted Pair

Other 2100 Series
Remote Stations

2-Wire RS485 Serial Connections

RS232

Tel-Link Radio Modem Configured as RS485

2100-IS
RS232 to RS422/485
Converter / Isolator

74		71	70	2100-IS/NS Terminal
Com		TX+	TX-	

B
A
GND

Twisted Pair

Other 2100 Series
Remote Stations

B
A
GND

RS485

2100 series remote Station	70
	71
	74

Twisted Pair

Other 2100 Series
Remote Stations
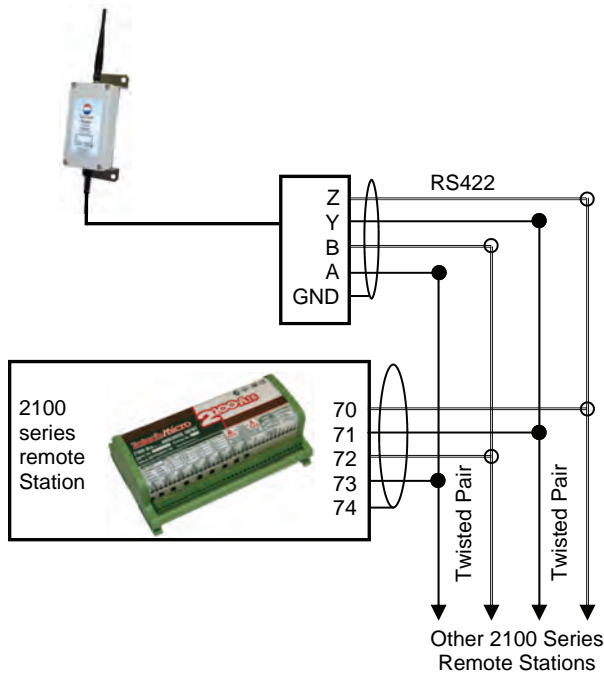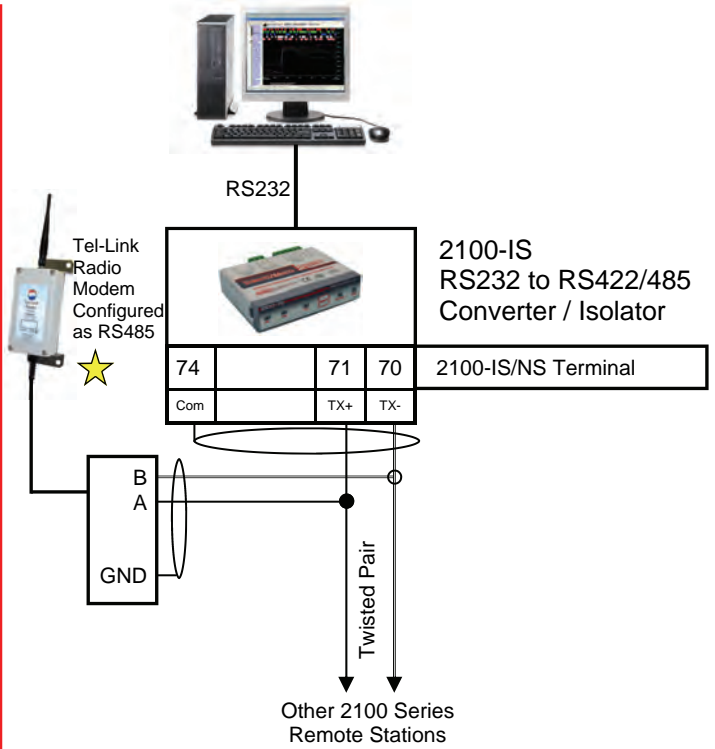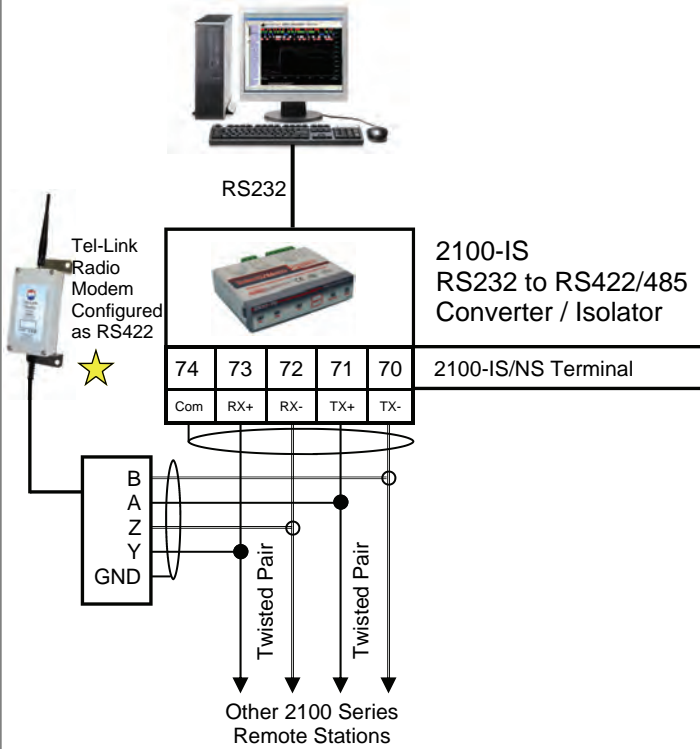
Refer to the Intech comms hook-up guide for all other comms connections.

These Radios are able to communicate with remote radios configured in either RS422 or RS485, via the on Board, labeled slide switch, under the front cover.