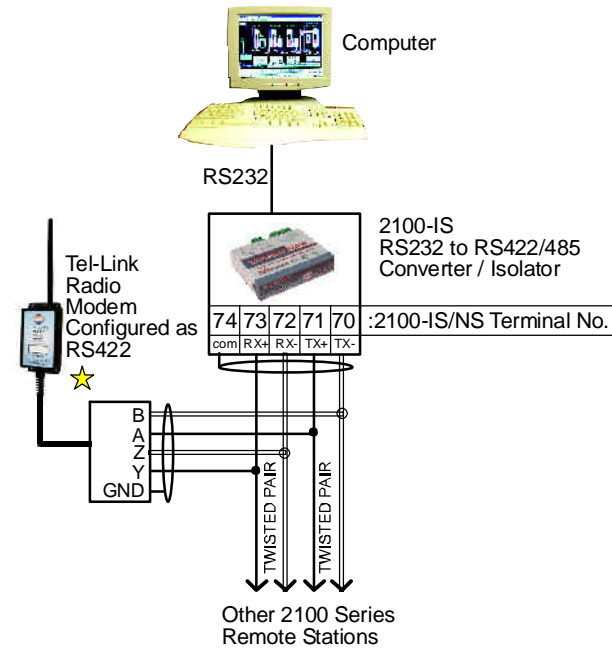# Tel-Link Radio Modems RS422 & RS485 Serial Connections

4-Wire RS422 Serial Connections

Computer

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 No.
com	R X+	R X-	TX+	TX-	

B
A
Z
Y
GND

TWISTED PAIR TWISTED PAIR

Other 2100 Series Remote Stations

Remote Tel-Link Radio Modem Configured as RS422

RS422

Z
Y
B
A
GND

2100 Series Remote Station

70
71
72
73
74

TWISTED PAIR TWISTED PAIR

Other 2100 Series Remote Stations

2-Wire RS485 Serial Connections

Computer

RS232

Tel-Link Radio Modem Configured as RS485 ☆

2100-IS
RS232 to RS422/485
Converter / Isolator

74			71	70	:2100-IS/NS Terminal No.
com			TX+	TX-	

B
A
GND

TWISTED PAIR

Other 2100 Series Remote Stations

Remote Tel-Link Radio Modem Configured as RS485

RS485

B
A
GND

2100 Series Remote Station

70
71
74

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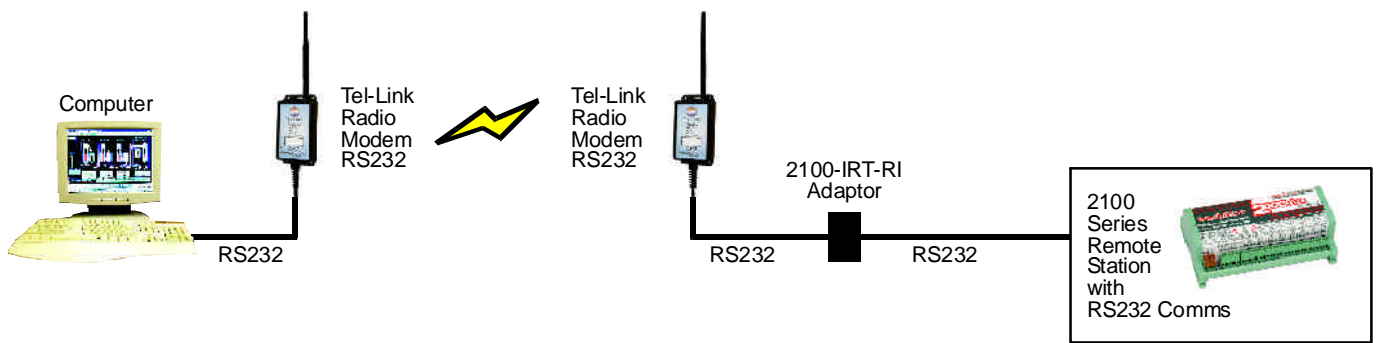
Other 2100 Series Remote Stations
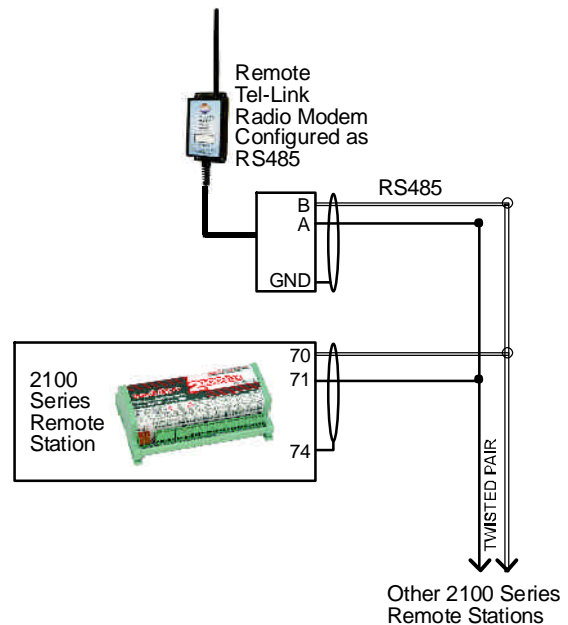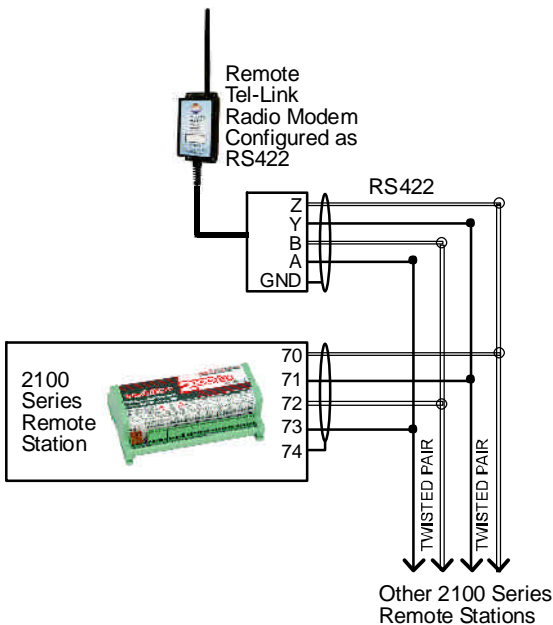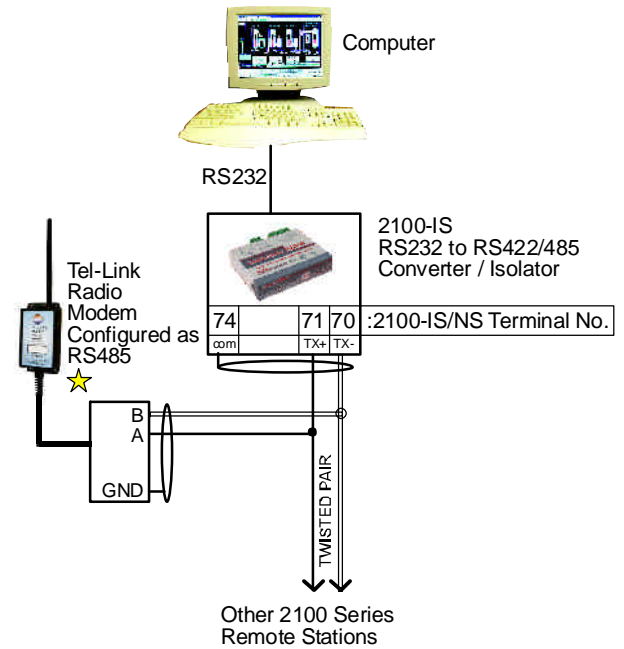
Refer to the Intech comms hook-up guide for all other comms connections.

☆ These Radios are able to communicate with remote radios configured in either RS422 or RS485.

Tel Link RS232 to 2100 Series Stations

RS232 Requires an Adapter

Computer

RS232

Tel-Link Radio Modem RS232

Tel-Link Radio Modem RS232

2100-IRT-RI Adaptor

RS232   RS232

2100 Series Remote Station with RS232 Comms

USB to RS485 Converter Connections

USB - 485 Connections

Computer

USB

USB-485 (Self Powered)

B
A

GND

RS485

2100 Series Remote Station

70
71

74

TWISTED PAIR

Other 2100 Series Remote Stations