

- ◆ The 2100-IS converts and isolates RS232 from a computer to RS485 or RS422 for communication to data high-way stations.
- ◆ Internal audible and relay output alarm for communication failure.
- ◆ Desk top module, complete with serial cable and power cord.
- ◆ Radio modem compatible.

[www.intech.co.nz/2100-is](http://www.intech.co.nz/2100-is)

MODEL	DESCRIPTION	PRICE
2100-IS	<b>RS232 to RS485 or RS422 (selectable) converter. Isolating.</b> <u>Comms baud rate:</u> 9600 (default): 19200, 4800 (optional). <u>Relay output:</u> 1 relay, change over. Rating, 1 amp, 24Vdc. <u>Power supply:</u> 9V plug pack (supplied with 2100-IS).	\$486.00
OPTIONS	Adaptor kits for modems etc also available - please contact Intech.	POA



2100-IS

[www.intech.co.nz/2100-ns](http://www.intech.co.nz/2100-ns)

RS232 converter kit non isolating

- ◆ The 2100-NS converts RS232 from a computer to RS485/RS422 for communication to data high-way stations.

MODEL	DESCRIPTION	PRICE
2100-NS	<b>RS232 to RS485/RS422 converter kit. Non-isolating.</b> <u>Comms baud rate:</u> 9600 (default): 4800, 2400 (optional). <u>Power supply:</u> 9 volt plug pack (supplied with 2100-NS).	\$286.00



2100-NS Kit.

- ◆ The USB485 converts USB from a computer to RS485 for communication to data high-way stations.
- ◆ Only use for temporary monitoring, for industrial environments we recommend using a physical RS232 connection.

MODEL	DESCRIPTION	PRICE
USB485	<b>USB to RS485 converter.</b> Non-isolating. 3m length. Powered from computer USB powered port.	\$286.00



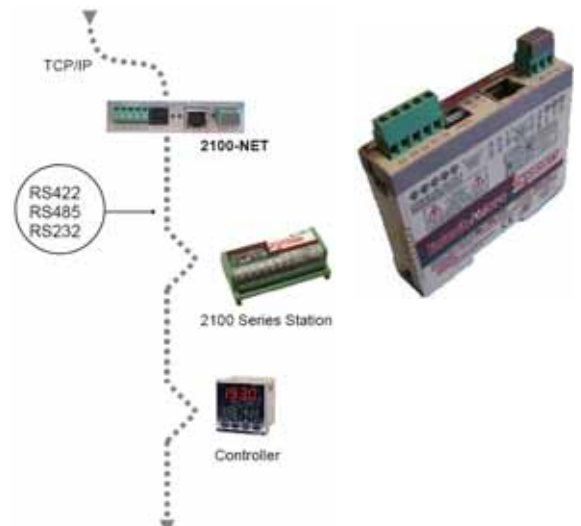
USB to RS485 converter

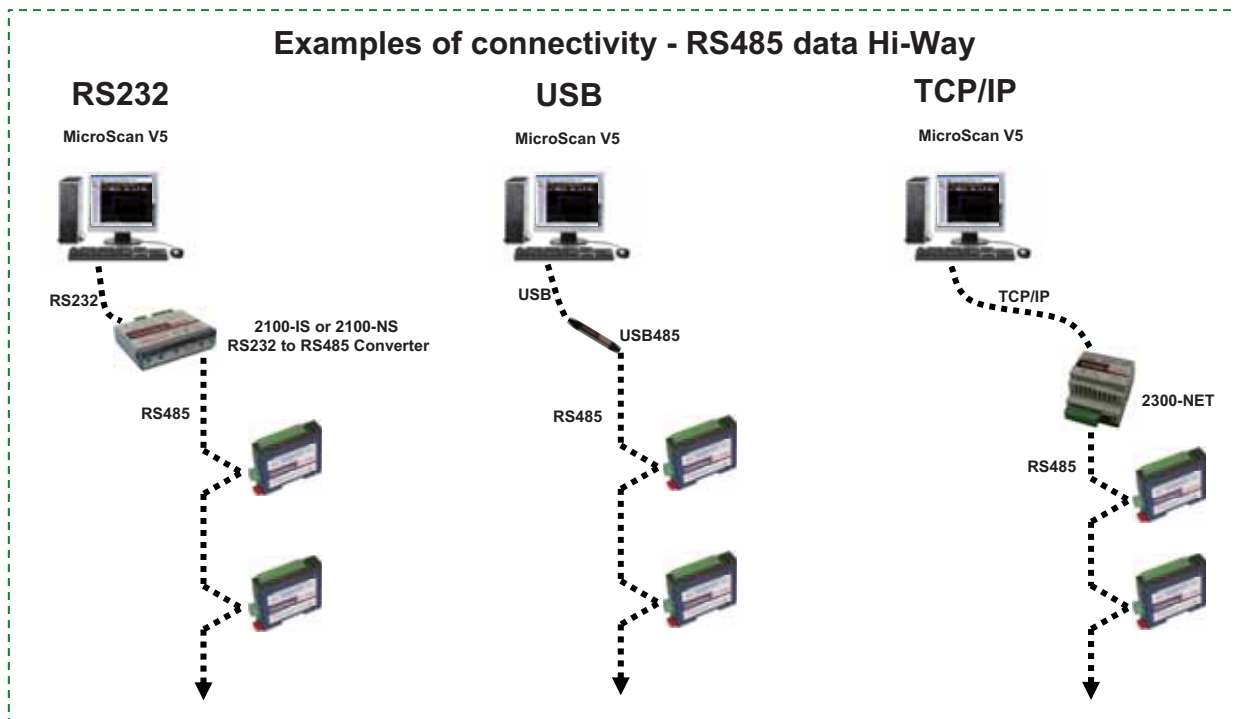
[www.intech.co.nz/usb485](http://www.intech.co.nz/usb485)

- ◆ The 2100-NET brings the convenience of the Ethernet to the MicroScan system, allowing single or groups of remote stations to connect to the plants common Ethernet network. Multi MicroScan PC's can request data directly from the same stations.

MODEL	DESCRIPTION	PRICE
2100-NET	<b>Ethernet TCP/IP to serial converter.</b> Isolating. <u>Comms baud rate:</u> RS485/422/232 (Software Selectable) 19200, 9600, 4800. <u>Power supply:</u> 85~264Vac/dc: 50/60Hz: 10VA. 23~90Vdc: 10VA. 10~28Vdc: 50/60Hz: 10VA.	\$790.00

[www.intech.co.nz/2100-net](http://www.intech.co.nz/2100-net)





◆ The 2100-IS and 2100-NS convert RS232 from a computer to RS485 for communication to the 2300 series stations.

MODEL	DESCRIPTION	PRICE
2100-IS	<b>RS232 to RS485 Isolating converter.</b> Comms baud rate: 9600. Relay output: 1 relay, change over. Rating, 1 amp, 24Vdc. Power supply: 9V plug pack (supplied with 2100-IS). <b>Internal audible and relay output alarm for communication failure.</b>	\$486.00

RS232 converter isolating Alarm for communication failure.

[www.intech.co.nz/2100-is](http://www.intech.co.nz/2100-is)



2100-IS

RS232 converter kit non isolating

[www.intech.co.nz/2100-ns](http://www.intech.co.nz/2100-ns)



2100-NS Kit.

MODEL	DESCRIPTION	PRICE
2100-NS	<b>RS232 to RS485 converter kit. Non-isolating.</b> Comms baud rate: 9600. Power supply: 9 volt plug pack (supplied with 2100-NS).	\$286.00



USB to RS485 converter

[www.intech.co.nz/usb485](http://www.intech.co.nz/usb485)

MODEL	DESCRIPTION	PRICE
USB485	<b>USB to RS485 converter. Non-isolating.</b> Powered from computer USB powered port. 3m length. <b>Note:</b> Only use for temporary monitoring, for industrial environments we recommend using a physical RS232 connection.	\$286.00

◆ The 2300-NET converts TCP/IP to RS485 for communication to the 2300 series stations.

TCP/IP to RS485 converter isolating

MODEL	DESCRIPTION	PRICE
2300-NET	<b>Ethernet TCP/IP to RS485 Converter. Isolating.</b> Comms baud rate: 9600. Power supply: 24Vdc. Modbus.TCP to Modbus.RTU Protocol. Compact DIN rail mount Enclosure.	\$430.00
PSW-2-F	If you require a 24Vdc Power supply for the 2300-NET.	\$98.00



2300-NET

[www.intech.co.nz/2300-net](http://www.intech.co.nz/2300-net)

**Mini packs**

[www.intech.co.nz/minipack](http://www.intech.co.nz/minipack)

Complete Chart Recorder replacement packages

**UP TO 8 CHANNELS OF RECORDING**

Remote stations available for the following:

milli-amps, milli-volts, Voltage, Thermocouple, RTD, Combination.

Refer pages 22/23.

SOFTWARE - Supplied with USB Dongle.

1x **MICROSCAN V5 RECORDER LITE 8.**

And **HARDWARE**

1x **COMMS CONVERTER RS232 to RS485 {2100-NS} or USB to RS485 {USB485} (for temporary monitoring only) [specify converter type when ordering, RS232 is default].**

1x **INTECH MICRO 2300 Remote Station c/w PSW-2-F Power Supply 24Vdc, 200mA.**

Specify input type when ordering: Current/Voltage/Thermocouple/RTD/Multi.

**Option 1** - If using 2300-RTD6 (6x RTD inputs). **Price = \$2085.00**

**Option 2** - If using 2300-A8I (8x 4-20mA inputs Non-isolated). **Price = \$2055.00**

Note: Option 2 (2330-A8I) requires an independent and isolated power supply to power logic inputs.

**Option 3** - Using any other 2300 I/O remote station. **Price = \$2195.00**

**Upgrade - 2300-RO4** - Comms fail alarm and/or Alarm outputs. **add \$285.00**



**MINI PACK 8**

**UP TO 16 CHANNELS OF RECORDING**

Each input channel can be individually programmed to any of the following:

Pt100 or# Pt1000, Thermocouple, milli-amps, milli-volts, Voltage.

SOFTWARE - Supplied with USB Dongle.

1x **MICROSCAN V5 RECORDER LITE 16.**

And **HARDWARE**

1x **COMMS CONVERTER RS232 to RS485 {2100-NS} or USB to RS485 {USB485} (for temporary monitoring only) [specify converter type when ordering, RS232 is default].**

1x **INTECH MICRO 2100-A16-X (RS485/RS422).**

**PRICE \$3170.00**

**Upgrade - 1x 2100-IS** - Isolated comms converter with Alarm output. **add \$200.00**

**Ethernet - 1x 2100-A16-NET** - Connect via Ethernet TCP/IP. **add \$150.00**



**MINI PACK 16**

\* **2100-A16** RS422 available with 2100-NS/IS RS232 converter only.  
# **2100-A16** RTD inputs must be either Pt100 or Pt1000 not a mixture.

**UP TO 32 CHANNELS OF RECORDING**

Each input channel can be individually programmed to any of the following:

Pt100 or# Pt1000, Thermocouple, milli-amps, milli-volts, Voltage.

SOFTWARE - Supplied with USB Dongle.

1x **MICROSCAN V5 RECORDER LITE 32.**

And **HARDWARE**

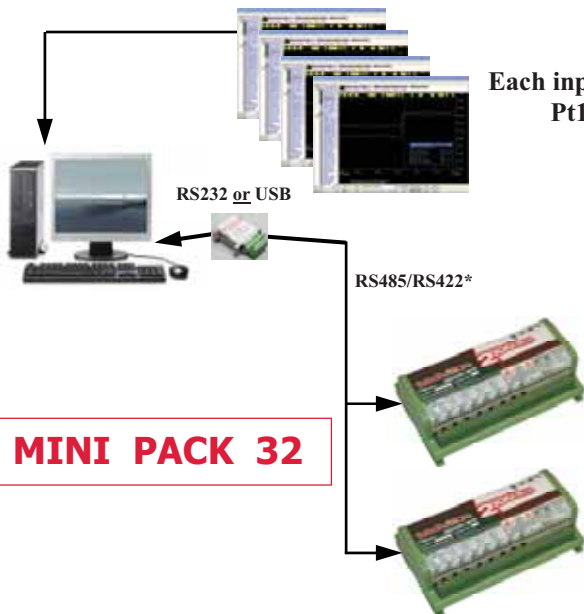
1x **COMMS CONVERTER RS232 to RS485 {2100-NS} or USB to RS485 {USB485} (for temporary monitoring only) [specify converter type when ordering, RS232 is default].**

2x **INTECH MICRO 2100-A16-X (RS485/RS422).**

**PRICE \$4700.00**

**Upgrade - 1x 2100-IS** - Isolated comms converter with Alarm output. **add \$200.00**

**Ethernet - 2x 2100-A16-NET** - Connect via Ethernet TCP/IP. **add \$300.00**



**MINI PACK 32**