CAUTION
This product requires a PXI/cPCI Chassis with replaceable card guides per the Eurocard mechanical specification

PX431S
Quad RS-232
Interface Module

The PX431S provides four (4) completely independent RS-232 terminal interfaces. Each channel has 13 programmable fixed data rates from 75 baud to 38.4Kbaud and independently programmable handshake modes: RTS/CTS and/or DTR/DSR hardware handshakes, XON/XOFF software handshake, or none. Independent 2KByte input/output buffers for each port.

This unit also features a position for adding one single-wide M-Module.

Specifications:

Serial Port Characteristics:

Baud Rates:	75, 110, 150, 300, 600, 1200, 1800, 2000, 2400, 4800 9600, 19200, 38400
Data Length:	5, 6, 7, 8 bits
Parity:	None, Odd, Even, Always 1, Always 0
Stop Bits:	1, 1.5 or 2

Handshake Pace:

Software: XON/XOFF

Hardware: DTR/DSR at beginning to pace, RTS/CTS during transfer to pace

General Characteristics:

Distance:	50 feet
Isolation:	None

I/O Buffer Memory:

2 Kbytes for each channel

Connectors: 44 pin DSUB (female)

Temperature:

Operating:	0°C to 55°C
Storage:	-40°C to 75°C

Power:

	+5V @ 0.5 A
	+12V @ 0.01 A
	-12V @ 0.01 A

Notice: Due to component heights this module may require keeping a second card slot open next to the carrier.

CPCI/PXI Compliance

Complies with PCI spec. 2.0 R3.0 and PCI spec 2.2

5V and 3.3V signaling voltage (VIO) supported

5V only power supply

33MHz PCI data bus

Five trigger lines compliant with PXI Specification 2.1

Form Factor: Size 3U

Applications

• Terminal interfacing

• Peripheral Control

Ordering Information

Part Number 11030210-0001

Additional Information

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com.