



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.

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>