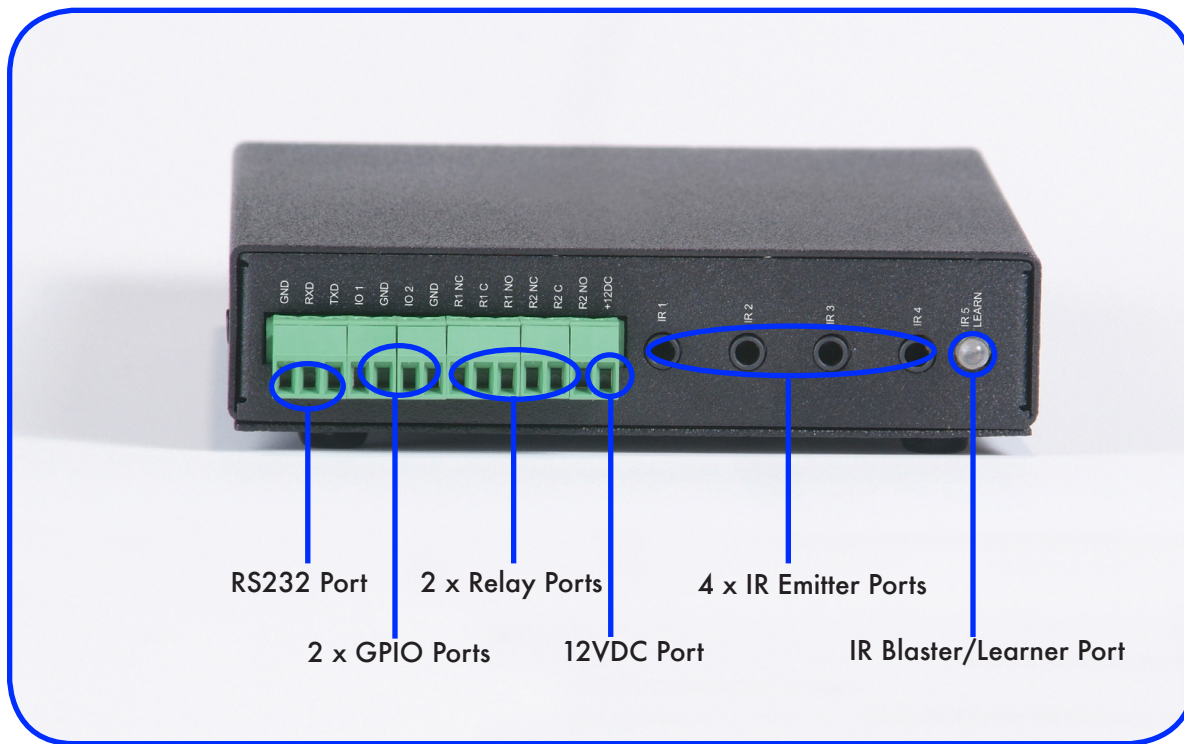


# BCX-1 Module for BC4 Chassis



Designed for the BitWise Controls BC4 chassis, the BCX-1 module offers a vast range of control options and device connections.

The bi-directional RS232 port allows you to combine legacy serial devices along with IR, relay or IP controlled ones within a single system.

Highly configurable GPIO ports provide a wealth of options for monitoring and control. Used as inputs they can provide feedback on device activity, triggering other actions. Imagine audio or video output from hitting play on a DVD player being used to trigger set up of the rest of an AV system.

SPDT Relays allow control of any device which requires a contact closure, like a motorized screen or blinds, or can source and switch 12VDC for power amplifier triggers.

IR control is well supported through the integrated library of thousands of known devices and the inclusion of a learner/blaster port.

Clearly the BC4/BCX-1 combination is the most flexible and cost-effective way to control and monitor all your external devices via ethernet.

- **Save time with our IR library** - The BitWise Controls IR library includes support for thousands of equipment models from hundreds of manufacturers. In the unlikely case the library doesn't include the commands for your device, the on-board IR learner allows you to add custom learned IR keys to any BC4 IR device.

- **Built-in IR Blaster** - The BCX-1's IR learner LED even doubles as an IR Blaster for sending IR throughout an equipment cabinet or closet, in addition to the 4 standard IR emitter ports. Save time and energy with the BC4/BCX-1, the fastest, easiest, most complete way to add IR control to any control system.

- **GPIO (General Purpose Input Output) ports** - These can be configured to act as a digital input, a digital output, or even an analog input. A third, internal GPIO measures count or frequency activity on GPIO #1. Better yet you don't have to give up an IR output port to be able to use an input.

- **Leverages BC4 functions** - Because the BCX-1 uses the BC4 network chassis, you also gain its built-in temperature sensor and PoE (802.3af) capabilities.

<b>Specifications</b>	
I/O Connector Type	3.5mm pitch pluggable terminal blocks
I/O Connections	1 - Ground 2 - RXD 3 - TXD 4 - I/O 1 5 - Ground 6 - I/O 2 7 - Ground 8 - Relay 1 Normally Closed 9 - Relay 1 Common 10 - Relay 1 Normally Open 11 - Relay 2 Normally Closed 12 - Relay 2 Common 13 - Relay 2 Normally Open 14 - +12VDC @ 250mA max
RS232 Speed	300 - 115200 baud
Analog Inputs	10 bit 0 - 12VDC
Digital Outputs	10mA @ 3.3VDC
Relays	SPDT - 2A @ 30VDC
IR Connector Type	3.5mm - Standard IR blaster type
IR Outputs	4 plug in, 1 built in
Onboard IR Learner	Uses IR #5 LED
Onboard IR DataBase	348,000 unique key codes
Dimensions (when fitted in BC4)	4.5" x 5" x 1" (115mm x 127mm x 25.5mm)
Warranty	One year limited