



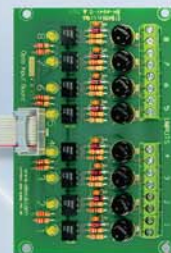
Designers, manufacturers and worldwide suppliers of embedded RF and network devices

32i^o Control and monitor anything from anywhere!

server



wall adaptor



opto board



relay board

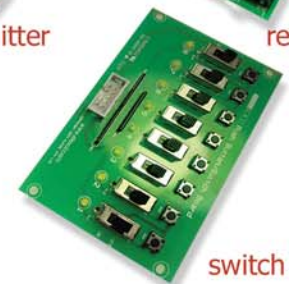
32i^o Server Features

- Control and Monitor up to 32 remote devices over the internet
- 4x i/o ports accept our wide range of plug-in compatible i/o modules
- 8x (3.3V logic level) i/o lines per port
- 2 auxilliary alarm inputs
- Automatically sends email notification of alarm and alarm reset events
- User configurable IP address and email notification addresses
- 8-16Vdc operation
- Includes power pass-through for powering external i/o modules
- Ethernet port for LAN or WAN connection
- RS-232 port for serial host connection
- Full user i/o control and server configuration via simple integrated website
- Fully customizable and programmable in BASIC with free IDE tools
- Customization design service available for user specific requirements



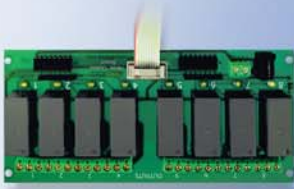
transmitter

receiver



switch board

OPTIONAL ACCESSORIES



Relay Board:

The 8 relay board connects directly to the 32i^o server output configured port, via the included cable. The relay board is powered externally by a separate 12Vdc power supply or via the power pass-through connector of the 32i^o server. LED indicators provide visual indication each relay status.

- Plugs into 32i^o Server output port using the included cable
- Powered via the 32i^o Server power pass-through connector
- DC jack and Screw terminal power connector
- 8 Relays with Normally Open, Normally closed and Common contacts
- 8 relay status LED's
- 5Amp relay contacts
- Screw terminal relay contacts
- Size: 2.8in. x 6in. x 1in.



Opto Board:

The optically isolated board provides 8 polarity insensitive inputs for safely connecting external devices to the 32i^o server input configured ports. Each input status is visually represented with LED's.

- 8 Opto-isolated inputs with screw terminal blocks
- Status LED's to indicate input state
- Bi-polar inputs
- 3V-24Vdc or ac input voltage tolerant
- 32i^o server connection cable included



Switch Board:

The switch module contains 8 slide switches in parallel with 8 momentary tactile pushbutton switches and board allows for manual activation of each input line of the 32i^o input configured port.

- Momentary or latching switches
- Plug-in compatible with the 32i^o server input port
- Includes 32i^o server connection cable
- LED indication for each switch ON/OFF condition
- Powered via the 32i^o server port
- Dimensions: 2.83in. (72mm) x 4.3in. (110mm)



125Vac Wall Adaptor:

The 125Vac wall adaptor enables remote switching of mains operated appliances over the internet via the 32i^o server.

- Main outlet pass-through and secondary controlled outlet
- Controlled directly via the 32i^o server output port
- Controlled remotely via the RF wireless accessory modules
- Surge protected secondary output
- Opto-isolated control input
- Switches loads up to 15A max.



16IO-SSRT-09 Wireless I/O Extension Modules:

The 16IO-SSRT-09 wireless I/O extension modules enable the monitoring and control of remote devices that cannot be hardwired to the 32i^o server. The 16IO-SSRT-09 modules provide a bi-directional wireless link between remote devices and the 32i^o server's input and output ports, over distances of several hundred feet and up to as far as 40 miles.

- 8 discrete digital inputs, 8 discrete digital outputs and 8 open collector outputs
- relay alarm output for communications failure
- User configurable TRUE or INVERTED outputs
- Output Status LED's, Power and RF communications LED's
- Self supervising RF link with user configurable timeout function
- 902-928MHz Spread Spectrum FM architecture
- Visit abacomdirect.com for a full list of many other features and functions
- 3 versions available to suite short range, medium and long range applications



10R8D RF Receiver Module:

The 10R8D receiver is plug-in compatible with the 32i^o server's input port to provide a wireless remote control monitor link, enabling the monitoring of remote devices that are connected to the 18CHTX transmitter. The status of up to 8 remote devices may be monitored via the 32i^o server with the 10R8D receiver and 18CHTX transmitter.

- Plugs into the 32i^o server input configured port via the included cable
- Companion to the 18CHTX transmitter
- Monitors up to 8 remote devices wirelessly over a distance of up to 600ft away
- Automatic binding with the transmitter
- Momentary or latched outputs
- May be powered via the 32i^o server power pass-through or by a separate 7.5Vdc to 15Vdc powers supply



18CHTX RF Transmitter Module:

The 18CHTX transmitter plugs into the 32i^o server output port to provide a wireless control link for up to eight remote devices. Remote devices may be connected to our 10R8D receiver SRX series receivers or the 16CHRX receiver. All are available in low cost AM or FM versions.

- Plug in compatibility with a 32i^o output port
- Provides a short range wireless control link from the 32i^o server to remote devices
- Provides a short range wireless link from remote devices to the 32i^o server
- Compatible with the SRX series RF remote control receivers
- Companion to the 10R8D remote control receiver
- Typical open field range of 600ft

