

IB-100 Internet I/O Board



CONTROL SOLUTIONS, INC.
MINNESOTA

IoT - Internet of Things



Simple low-cost web enabled I/O for remote monitoring and control

i.CanDoIt® Internet I/O Board

Control Solutions' **IB-100 Internet I/O Board** packs a "best of" collection of web enabled features from the *i.CanDoIt* family into a tiny, low-cost, stick-it-anywhere box.

Model IB-100 includes powerful web based features, including:

- Web based configuration and monitoring
- Template rule generation for traps, emails, output triggers
- Data trending with automatic graph generation
- Email notification of events
- Programmable with Script Basic
- Web client ready to connect to LogMyData.com
- Modbus TCP client and server concurrently
- Integral web server with Flash file system
- User designed web pages with CGI access to data points
- SNMP v2 agent for Get/Set access to data points
- SNMP trap generation based on rules
- Template rule generation for traps, emails, output triggers
- Dynamic DNS support
- DNS host lookup, DHCP
- FTP data file access & firmware upgrades

- **Remote Monitoring and Control**
- **Stand-Alone Alarm Responses**

FEATURES of Model IB-100

- Web based configuration & operation
- Ethernet 10/100BaseT protocol support
HTTP • Modbus TCP • SNMP
- User web pages
- email event notifications
- HTTP client data logging capable
- Programmable using Script Basic
- 8 Analog/universal inputs, jumper configurable
 - 0-10VDC, Thermistor, dry contact
 - 10-bit resolution
- 2 Discrete outputs
 - Open drain FET, current sink 1A @ 24VDC
- Powered by 18-30VDC (0.15A @ 24VDC)
- 38mm H x 52mm W x 103mm D
- Industrial hook and loop self-stick mounting
- Operating temperature -40°C to +85°C
- Humidity 5% to 90%
- FCC Class B, CE Mark



www.csimn.com

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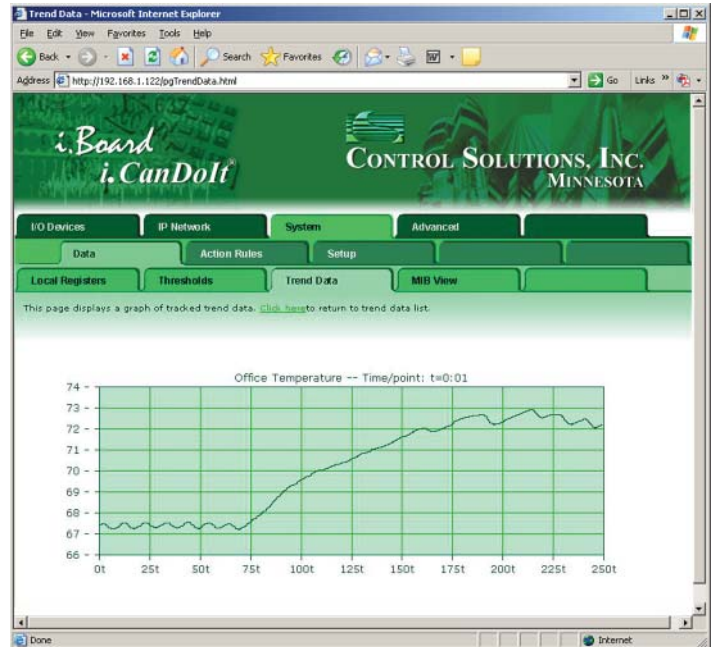
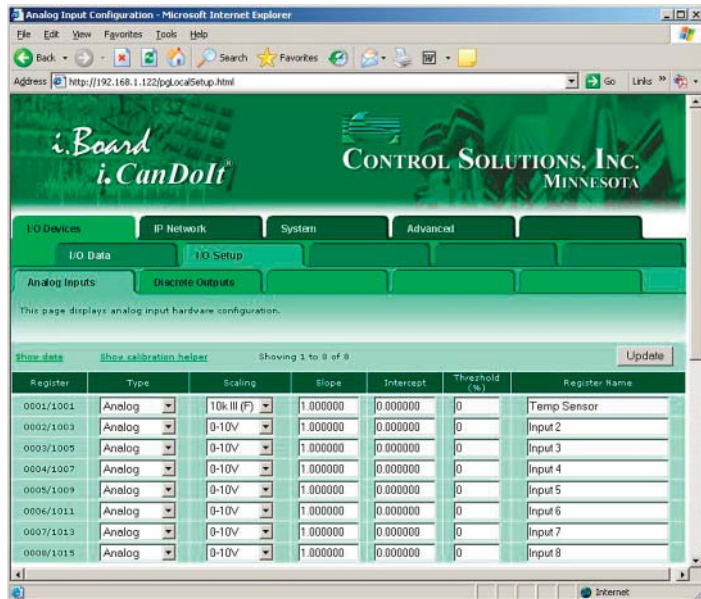
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i.CanDoIt® Internet I/O Board

Control Solutions' *i.CanDoIt*® Model IB-100 packs a tiny package with the most commonly used capabilities in our growing family of popular web appliances.

Functions:

- Remote Monitoring & Alarms
- Event Notification via SNMP traps or email
- User Programmable Control Algorithms
- User Programmable Web Pages
- Web Based Remote Monitoring via LogMyData.com



The *i.CanDoIt*® Internet I/O Board is available now. Visit www.csimn.com for more information, a guided tour of the web server, and an online demo copy of the entire web site contained in the Model IB-100.

Visit our web site for

- Full details
- User Guides & Software
- Pricing
- On-line Ordering



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Use optically isolated solid state relays to interface the IB-100 to high voltage equipment.

