IB-110
Internet I/O Board

CONTROL SOLUTIONS 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-110 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-110 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
• Modbus RTU Master
• 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-110*

• 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, soft configurable (no jumpers)
          • 0-10VDC, Thermistor, dry contact
          • 10-bit resolution
• 1 Serial Port
          • EIA-485
          • Modbus RTU Master
• Powered by 18-30VDC (0.15A @ 24VDC) or 24VAC
• 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% non-condensing
• FCC Class A, CE Mark
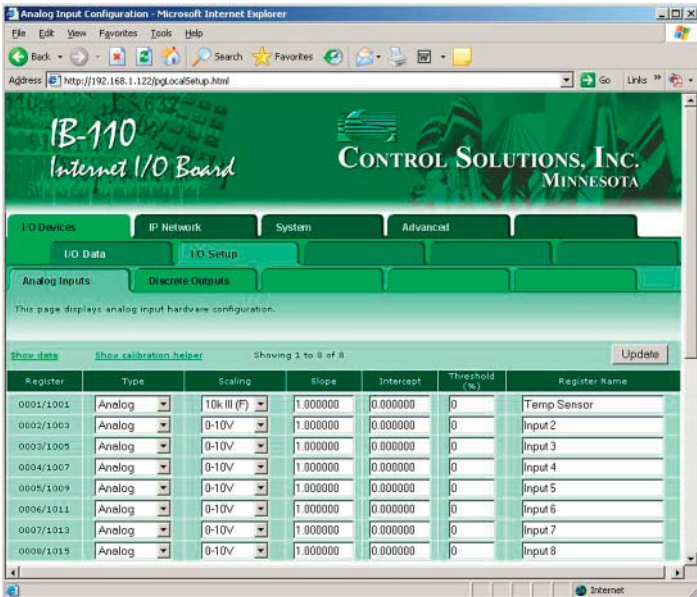
Modbus MEMBER

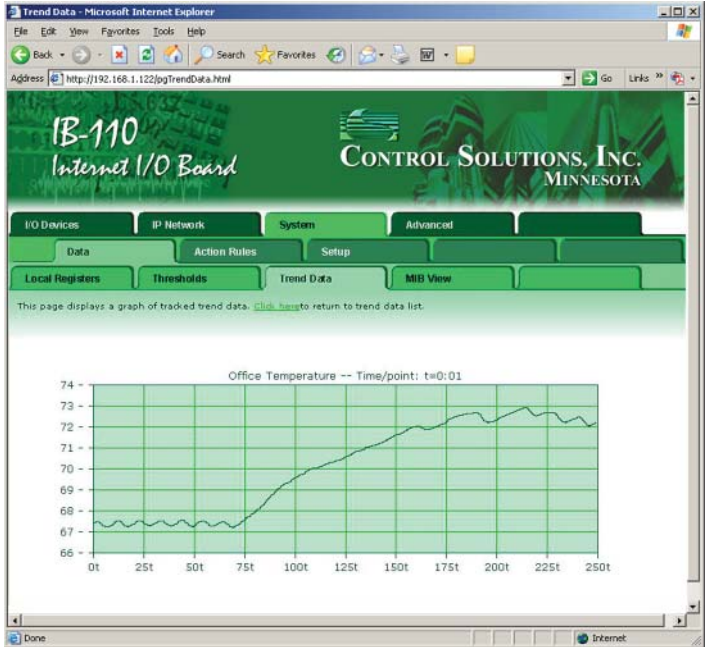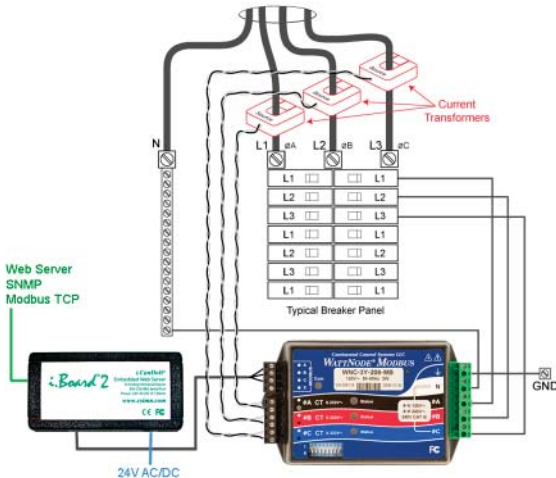# www.csimn.com

i.CanDoIt® Internet I/O Board

Control Solutions' *i.CanDoIt® Model IB-110* packs a tiny package with the most commonly used capabilities in our growing family of popular web appliances.

Funtions:
• 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 *Model IB-110*.

Example power monitoring application using IB-110 and Modbus RTU power meter:

Visit our web site for
• *Full details*
• *User Guides & Software*
• *Pricing*
• *On-Line Ordering*

www.csimn.com

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