Web Enabled Advanced I/O Controller



16 Relays, 16 Optically-Isolated Digital Inputs, 2 Digital Inputs, 4 Analog Inputs, 1-Wire Bus, Peer-to-Peer Communication, Email Notifications, Basic Scripting, Scheduling, Logging

PRODUCT OVERVIEW

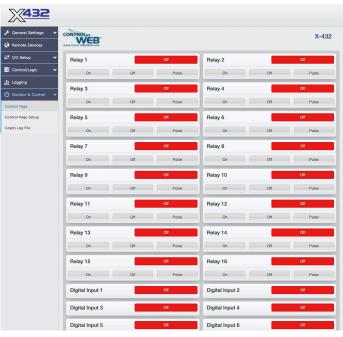


The X-432[™] is a robust, full-featured, web-enabled Ethernet I/O module. It combines 3 major advantages: advanced programmability, 38 onboard I/O, and an easy-to-use digital interface. Not only is it completely self-sufficient, but it can also seamlessly control and/or monitor I/O on other ControlByWeb devices.

The X-432[™] has a built-in web server so its relays and inputs can be controlled and monitored - locally or remote - using a standard web browser (or by using our CBW Mobile smartphone app). Email alerts can be configured based on relay and/or input states, and temperature/ humidity thresholds.

16 relays, 16 optically-isolated digital inputs, 2 digital inputs, 4 analog inputs, and support for up to 16 temperature/humidity sensors make this a very capable device ideal for a great many applications in industries including Water/Wastewater, Energy and Building Automation.

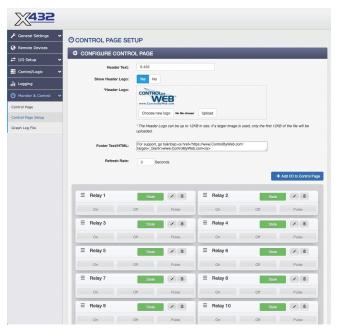
The X-432[™] is fully compatible with our optional ControlByWeb Cloud service that makes remote device and log access simple.



Control Page

Features:

- 16 electro-mechanical relays (2 Amp NO contacts)
- 16 optically-isolated digital inputs and 2 digital inputs
- 4 analog inputs (0-5VDC)
- One-wire bus for up to 16 temperature and/or humidity sensors
- Highly configurable almost any combination of input/ relay control possible
- Real-Time Clock with NTP server synchronization
- · Automatic daylight savings and leap year adjustment
- Calendar scheduling with 50 Scheduled and 50 Conditional Tasks
- · Email alerts based on user-defined conditions
- Built-in web server No software required
- Customizable web-based control page
- BASIC script support for advanced flexibility
- Configurable logging and graphing
- Static or DHCP IP address configuration
- XML, JSON, Modbus TCP/IP, and SNMP interface options
- Field updatable
- · Removable terminal connectors for easy installation
- Rugged DIN-Rail/wall-mountable enclosure



Control Page Setup



X-432™

Models:

Voltage: 9-28VDC

Relay Contacts

Max Current: 2A

Pollution Degree 2

Number of Inputs: 16

Input Isolation: 1500V

Maximum Count: 24-bit

Number of Inputs: 2

Type: Non-Isolated

Voltage Range: 0-5VDC

Current: 47K Pull-Up

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Number of Relays: 16

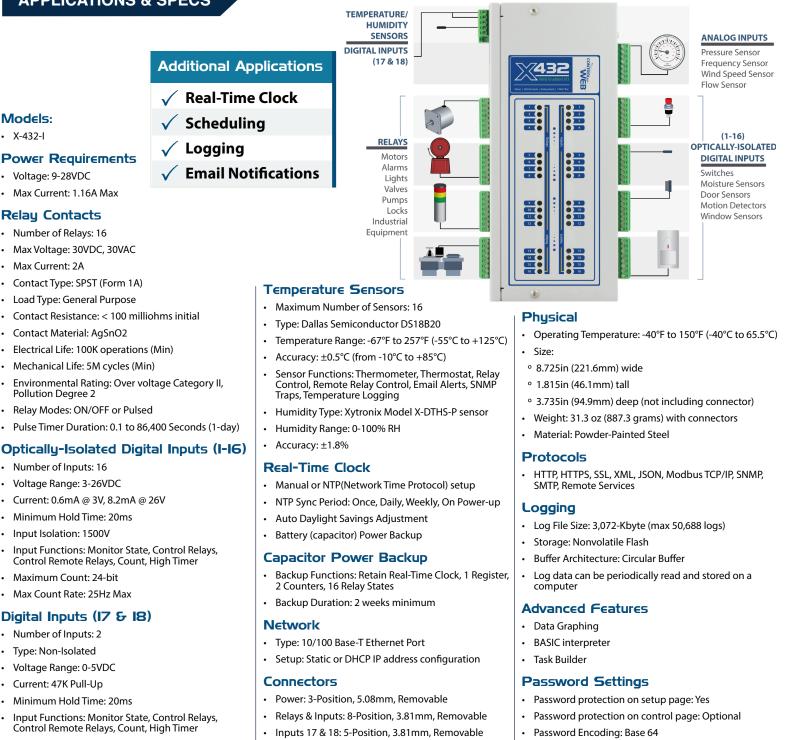
Max Current: 1.16A Max

X-432-I

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APPLICATIONS & SPECS



- Maximum Count: 24-bit
- Max Count Rate: 200Hz Max
- Edge Trigger: Rising, Falling or Both

Analog Inputs

- Number of Inputs: 4
- Type: Single-ended Channels
- Input Range: 0-5VDC
- Resolution: 12-bit
- Reference: 5.00V, 0.04%, 3ppm/C, 50mA Max



Phone: 1-435-750-5999 Email: Sales@ControlByWeb.com

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Max Password Length: 6-18 Characters

Electromagnetic Compliance

Product Safety Compliance

IEC CISPR 22, CISPR 24

EU EN55024, EN55022

FCC 47CFR15 (Class B)

IEC 61010-1

24

Network: 8-pin RJ-45

LED Indicators

• Number of LEDs: 35

Network linked

° Network activity

Relay coil energized 1-16

Optically-Isolated Digital inputs (1-16)

o Power on