PRODUCT OVERVIEW

For many applications, WebRelay- Quad™ is the fastest, easiest, least expensive, and most reliable way to remotely control equipment over an IP network, including the Internet.

WebRelay-Quad™ is used by many different companies for hundreds of applications such as industrial control, security, remote control, remote reset, and much more.

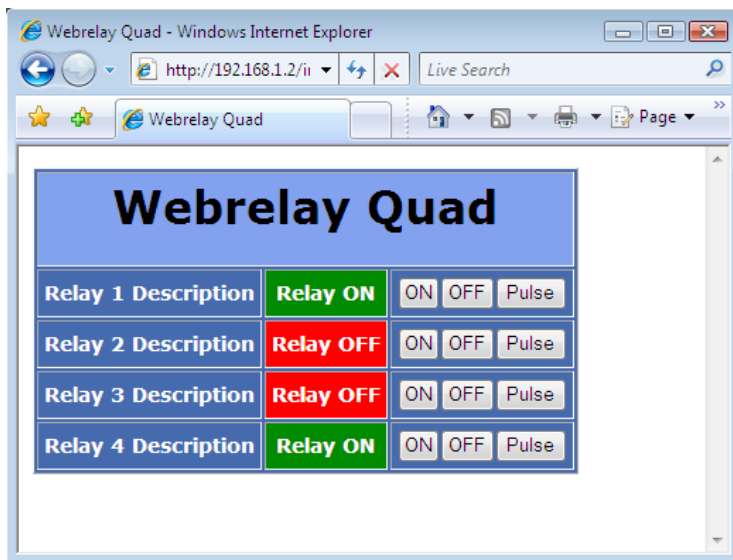It has four low-signal relays that can individually switch up to 1-Amp at 28V.

Each relay can be turned on, off, or pulsed using the built-in web pages or by running custom scripts from a computer or dedicated controller.

It is extremely versatile and can be made to fit almost any remote relay control need.
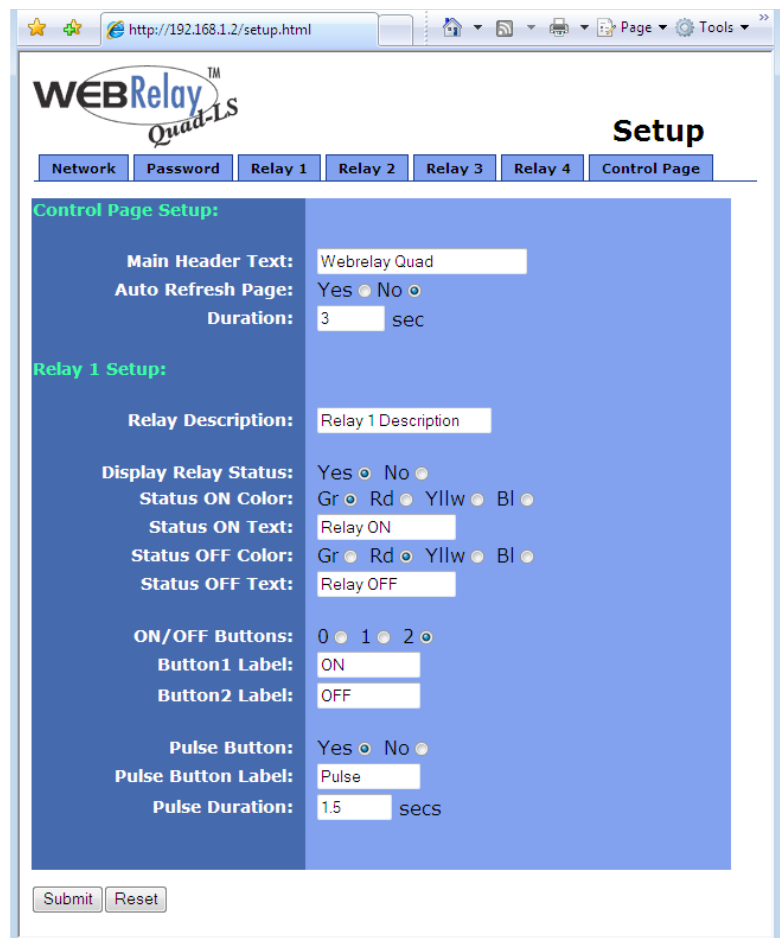
Features:

- Built-in web server for setup and remote relay control from a web-browser.
- No special software or device drivers required.
- XML status and control pages makes communications with custom software applications simple.
- Can operate as Modbus TCP/IP slave device.
- Four independent, 28VAC, 24VDC, 1-Amp Relays (SPDT).
- On/Off and Pulse modes.
- Rugged DIN-Rail/wall mountable enclosure.
- Includes a 14-pin industrial terminal connector.
- Power Supply Options:
  - 9-28 VDC
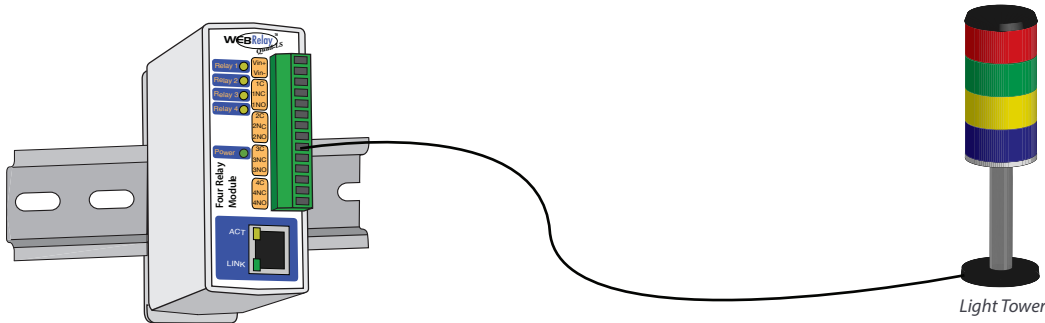 - Power-Over-Ethernet (802.3af) or 5VDC

The WebRelay-Quad™ is fully configured in minutes using a web browser. No additional software is needed.

Relay Options

Individual Relay Options

www.ControlByWeb.co.za

APPLICATIONS & SPECS

Additional Applications

- ✓ **Industrial Control**
- ✓ **Remote Reset**
- ✓ **Security**
- ✓ **Remote Control**
- ✓ **More...**

Four-Color Light Tower Control

Light Tower

Use with Five-Input Module to Extend Dry Contacts to a Remote Location

Input 1
Input 2
Input 3
Input 4

Control Switches

Five-Input Module

WebRelay-Quad

Output 1
Output 2
Output 3
Output 4

Models:

- X-WR-4R3-I, X-WR-4R3-E

Power Requirements

- Voltage:
  - X-WR-4R3-I: 9-28VDC
  - X-WR-4R3-E: POE Class 1 (0.44 to 3.84 Watt) or 5V±5%
- Max Current:
  - X-WR-4R3-I: 320mA Max
  - X-WR-4R3-E: 477mA Max

Relay Contacts

- Number of Relays: 4
- Max Voltage: 28VAC, 24VDC
- Max Current: 3A
- Contact Type: SPDT (Form 1C)
- Load Type: General Purpose
- Contact Resistance: < 50 milliohms initial
- Contact Material: AgSnO2
- Electrical Life: 100K cycles (Typical)
- Mechanical Life: 10M cycles (Typical)
- Environmental Rating: Over voltage Category II, Pollution Degree 2
- Relay Modes: ON/OFF or Pulse
- Pulse Timer Duration: 0.1 to 86,400 Seconds (1-day)

Network

- Type: 10/100 Base-T Ethernet Port
- Setup: Static IP address assignment. TCP port selectable

Connectors

- Power & Relays 1-4: 14-Position, 3.81mm, Removable
- Network: 8-pin RJ-45

LED Indicators

- Number of LEDs: 7
  - Power on
  - Relay coil energized 1-4
  - Network linked
  - Network activity

Physical

- Operating Temperature: -40°F to 150°F (-40°C to 65.5°C)
- Size:
  - 1.41in (35.7mm) wide
  - 3.88in (98.5mm) tall
  - 3.1in (78mm) deep (not including connector)
- Weight: 5 oz (142 grams)
- Enclosure Material: Lexan 940 Polycarbonate Plastic
- Enclosure Flame Rating: UL94 V0

Protocols

- HTTP, XML, Modbus

Password Settings

- Password protection on setup page: Yes
- Password protection on control page: Optional
- Password Encoding: Base 64
- Max Password Length: 10 Characters

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