

WEB CONTROLLED DIN RELAY IV

Web , script, and automatic control.

Reboot, start or stop equipment in remote locations. Control and reboot equipment securely from your web browser or via program control. Increase uptime. Simplify wiring.

The DIN relay is a low cost, easy-to-use alternative to PLCs and PC-based controllers. Control one or hundreds of relays from a single script. Access securely over the web. No programming or scripting is required for basic operation. It's ready to go, out of the box.

Our fourth-generation model includes WiFi which can be enabled by the administrator in either client or access point modes.

We recently added these features while retaining backward compatibility with earlier products:

- Pluggable contacts for easier installation
- Relay fuses to protect against over-current
- Self resetting crowbar over-voltage protection
- A more powerful watchdog processor
- Port for an external 1-wire temp/humidity sensor
- Analog inputs for monitoring DC voltages
- HTTPS, SSL, SSH with tighter security
- Internal event notifications
- Amazon Alexa compatibility

Use the updated AutoPing system which automatically monitors critical devices, such as wireless access points, routers and IP cameras. If a device goes down, the relay can automatically restart it without user intervention. "Locked-up" devices are revived. Service calls are reduced.

Eliminate overloads, brown-outs, blown breakers and other power problems before they occur. Start devices sequentially. Eight fully isolated and individually controlled T-90 SPDT relays handle 12 Amps each. Attach high-current contactors to control even larger loads.

Command your relay using a friendly web interface, via a custom script or via the command line. Change the user-defined graphics and hyperlinks to customize the web pages. Programmers can use the sample scripts or write their own.

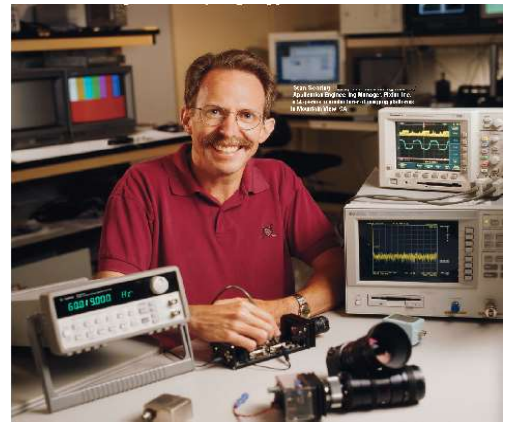
Call for a risk-free trial.



Digital Loggers, Inc.
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- Control APs, routers, IP cams, machinery, industrial process equipment, motors, solar panels, servos, HVAC, high current contactors... almost any device!
- Includes both WiFi and wired Ethernet for flexibility.
- 1-wire port lets you add an external temp/humidity sensor.
- Load your own Lua scripts for automation.
- 10-bit telemetry ADCs measure 0-10VDC and 0-100VDC.
- Clock / calendar with battery backup schedules events and starts user-defined scripts.
- Programmable LCD displays status, helps with initial setup, and shows user-programmable messages.
- Updated to a completely new 32 bit processor. Now supports SSH, SSL, HTTPS, and includes a Rest API.
- Under-Voltage Lockout improves battery operation
- Programmable LCD for status control and initial setup.
- Now supports MQTT and SNMP
- Eight sturdy T-90 SPDT dry-contact relays are individually controlled over Ethernet by scripts or web commands. Each relay is fused for safety and pluggable connectors are now used to simplify wiring.
- 10/100 autosensing plug-and-play Ethernet connects to your LAN, WAN, or router.
- Multiple power-up recovery modes include sequential on, all-off, last state, start script, etc.
- Switching power supply operates efficiently from any 12-28VDC power input. Contact engineering for 48V and PoE applications.
- Snaps directly to DIN rail or bolts to panel.



"Great product that has saved us a huge amount of time by not having to be on-site to reset equipment that has hung.."

Stan Searing, Pixim Corporation

P/N DIN4

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SPECIFICATIONS

ADC Inputs	2-channel 0-10 and 0-100VDC typical accuracy +/- 2%
API	digital-loggers.com/restapi.pdf
Case Contact Rating	300V, 12A
Clock Calendar	9s / week typical accuracy 10 year lithium battery backup supports NTP time sync
Dimensions	6.00 x 4.25 x 2.25" DIN compliant
Enclosure Material	Injection molded high-temp thermoplastic, vented 5 sides
Ethernet Interface	10/100 autosensing, Static IP, TCP port selectable, RJ-45 w/ internal FCC filters
FCC ID	2ACOE-SKW71 2.4GHz
Input Voltage	12-28VDC, UVLO approx 10.5V Safety Shutdown at 34VDC
LCD Display	2x16 backlit with powersave displays status & user messages adjustable power save mode 50k hour backlight lifetime
Max. Switched Power	8 x 10A at 125VAC Fused at 12A
Operating Temperature	-30° to 170°F, -34° to 77°C designed for dry environments

Password Transmission	HTTP/MD5, HTTPS*, SSL*, SSH*
Power Dissipation	5.8W Max (relays on) <2 W idle
Power Fail Hold-Over	150ms min. (24V, all relays on)
Power-Up Settings	Last relay settings, all relays off, sequential on or run user script
Relay Contact Rating	T-90, 277V, 30/40A AC/DC, 1/2HP
Relay Debounce	~200ms protection timer
Scripting Language	"C-like" Lua*, examples included
Software Controls (via web or script)	Individual outlets on/off, all on/ network settings, web links, outlet and relay names, multiple power-on modes for safety
Switches & Controls	Relay select/on/off/cycle, Defaults
Users	Up to 8 simultaneous logins, subject to memory limitations
UVLO	Starts @ 11.5VDC, Shutdown 10.5V
Vibration	Not intended for mobile or airborne applications. Contact factory for ruggedized variant.
Weight	Bare unit 2.7 lbs, Ship wt. 3.6 lbs

* New in version 4