DC SMART SWITCH

Reliable High Current Control and Reboot.

Reboot, start or stop DC powered equipment in remote locations. Control up to 100 amps of power, from 12 to 72V, positive or negative ground. Save power. Simplify wiring. Automate remote telecom sites.

Control power over the web from anywhere. Use a web browser or automate using SNMP or the Rest API.

Eliminate truck rolls. Stop overloads, brown-outs, blown breakers and other power problems before they occur. Start devices in sequence automatically to avoid inrush current problems. Use the internal clock to schedule events and minimize power consumption.

Command your switch through a friendly web interface, via a Lua script, from a command line, or from your own application via an API. Customize the web pages.

The "Auto-Ping" feature monitors critical network devices, such as APs. telecom equipment, servers and routers. If a device goes down, the power controller will automatically reboot it with no user intervention. "Locked-up" devices are brought back to life. Truck rolls are eliminated.

Third generation product. Thousands built and fielded.

Try a public demo of the web UI at pro.digital-loggers.com. Authenticate with admin 4321

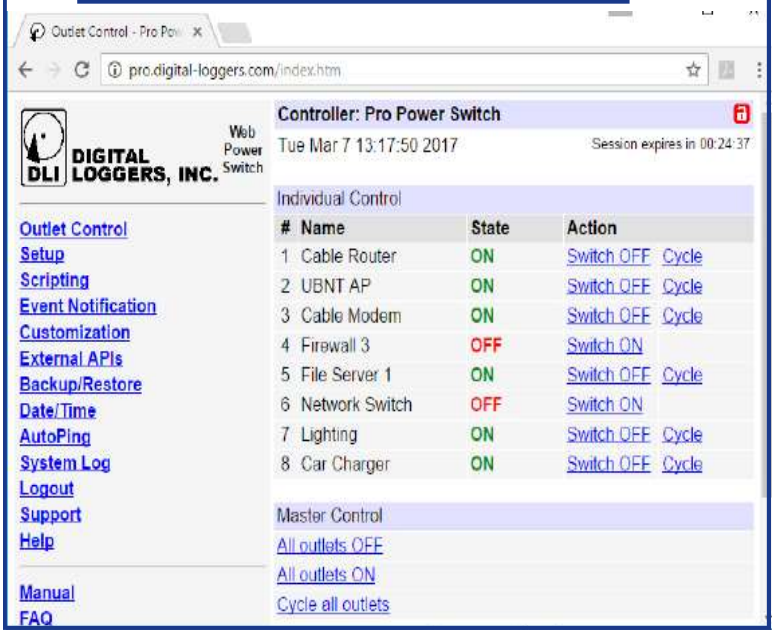
Better yet, call now for a risk-free trial.

- Eight individual 15 Amp circuits are switched. Two 50 Amp input breakers provide redundant A & B bus operation with 100 Amps total load.
- Flexible. Wide input voltage range 12-72V. Automatic low-voltage cutout.
- Supports positive or negative inputs. Can be used as a "high side" or "low side" switch.
- Control microwave links, routers, APs, reouters, appliances, IT equipment - any DC powered devices.
- Simple, reliable, plug-and-play operation. Sets up in minutes. Robust. Easy to use.
- Enable the Auto-Ping feature to intelligently reboot a locked-up AP, router, telecom switch or other device automatically, even during WAN outages.
- Internal clock for programmed scheduling. Keypad for local control. Ethernet for bulletproof connectivity. WiFi may be enabled as a client or access point.
- Fully programmable using Lua scripts. Customize it.
- Power-up recovery options add safety and flexibility: timed, sequential on, all-off, last state, etc.
- Lowest power draw of any similar product 5.9 watts!
- Easy to wire up. Compression terminal inputs on 50A A/B bus, Ring/spade screw terminal outputs on switched branch circuits.
- Extensive standards support: Rest API, HTTP, HTTPS, SSL, SSH, Curl, SNMP. Open source.

Item No. DC3

DIGITAL LOGGERS, INC.
2695 Walsh Avenue, Santa Clara, CA 95051
Tel: (408) 330-5599, Fax: (408) 541-8459
digital-loggers.com

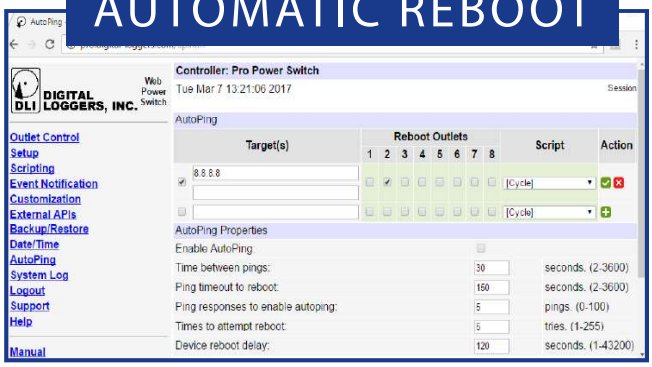
WEB INTERFACE



LUA PROGRAMING

```
-- Cycle an outlet every weekday at 2:30am
function WeekdayTimer()
  while true do
    wait_until({wday=weekday, hour=2,min=30, sec=0}
    outlet[7].state = on
    delay (30)
    outlet[7].state = off
  end
end
```

AUTOMATIC REBOOT



SPECIFICATIONS

Alert Beeper	73dBa at 12". Programmable.
Applications	Commercial, industrial power distribution and remote reboot. Indoor use only.
Circuit Breakers	Manual reset, 15A-50A Thermal Supplemental
Clock / RTC	15 year Li battery, under 2 grams
Controls / Display 2x16 Backlit LCD	Reset -to-factory-default switch, w/ PowerSave, 5 button keypad
Enclosure 4 sides.	Steel, double grounded. Vented
Ethernet Interfaces	10/100 autosensing, Static IP, TCP port selectable, 8 pin RJ-45 w/ internal FCC filter, WiFi optional
FCC Testing	Part 15 FCC ID 2ACIUDC3
Humidity	8-80% RH Operating
Input Terminals	Two 50A copper compression lugs
Output Terminals	Eight 15A screw terminals
Power Input	2x50A, 12-72VDC, positive or negative ground
Operating Temperature	-30º to 170ºF, -34º to 77ºC

Options - Factory	Custom breakers. External contactors.
Power Input	DC only, 12-72V, positive or negative ground
Power Supply Rating	12-72VDC.
	Undervoltage lockout at 11.3V
Password Transmission	Encrypted, base 64 or HTTPS
Power Dissipation	5.9W Typ Max (all on) <3 W idle
Power Fail Hold-Over	100ms minimum (all relays on)
Power-Up Modes	Last used settings, all power on or off, sequential on or run user-script ~30s after power-up
Relay Specs	40A AC NO, 1/2HP, 12V DC coil
Surge Protection	3600WMetal Oxide Varistor
Size	1.75 (1 RU) x 9.0 x 19.0""
Weight (packed)	Single unit 11lbs 4.8kg
WiFi	Atheros 9331 2.4G 802.11n RP-SMA -
FCC Note:	The switch may only be used with (1) the manufacturer supplied antenna (Gain: 2.0dBi), or (2) a 50 Ohm antenna of equal or lesser gain.