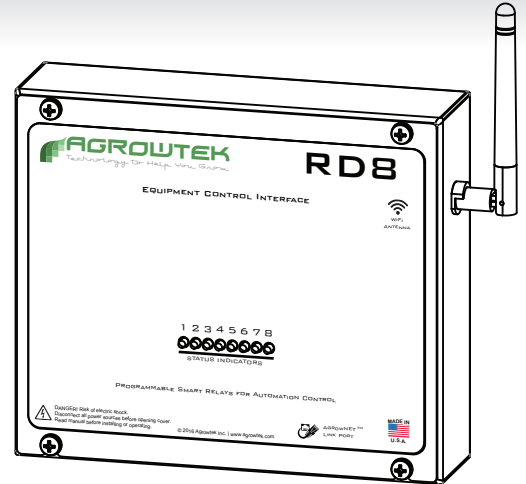


RD8i programmable dry-contact relay interface. GrowNET port accepts MODBUS RTU communication for PLC control.





LED indicators on the front panel provide status of each relay. Rugged metal enclosure for wall mounting. Durable 20A relays and 10A screw terminal. Conduit knock-outs for easy electrical installation.






Modbus addressable relay coils with registers for tracking total number of cycles on each coil.

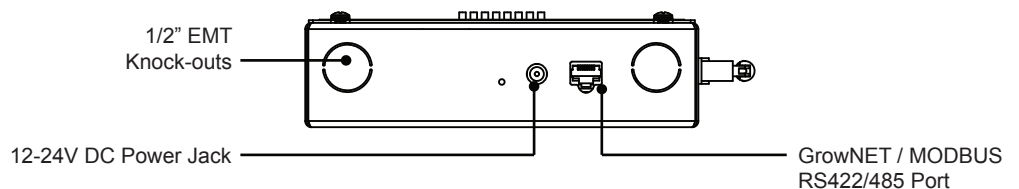
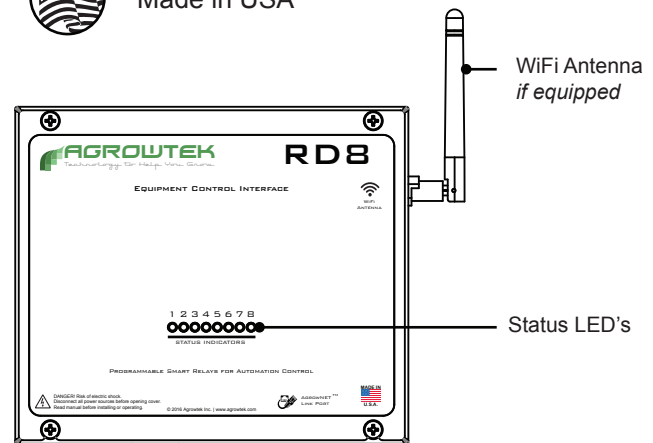
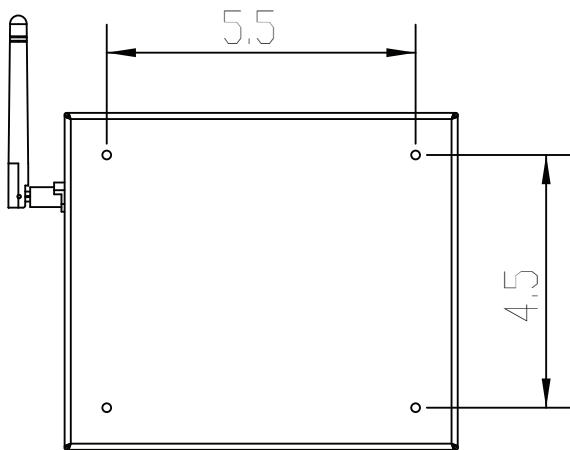
Flexible and reliable relay controller ideal for many applications.



Features

-  Eight independent N.O. dry relay contacts with LED status indicators
-  24-120Vac, 24Vdc / 10A per relay
-  Available with Electromechanical or Solid State Triac Relays (ssr)
-  2-Year Warranty

-  WiFi optional
-  GrowNET link for connection to sensors or master controller
-  MODBUS RTU for industrial PLC applications 12-24Vdc
-  Durable powder-coated steel enclosure
-  Made in USA



Standard Applications



Load Panel Contactor & Relay Control
Lighting & load control in buildings & greenhouses



Dehumidifiers



HVAC Systems
24Vac heat, cool, fan, valve & other signals



Exhaust & Circulation Fans

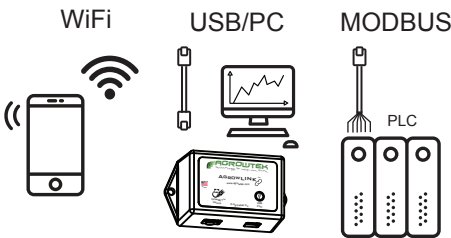
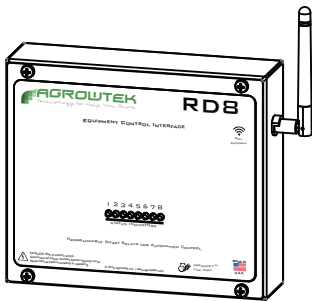


Irrigation Solenoid Valves



Custom Equipment

Stand Alone

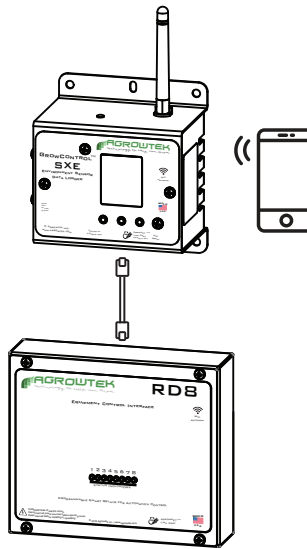


Connect a relay directly to a computer using the LX1 USB AgrowLINK and free PC software for manual control from a PC. *API and C# demo code available for custom applications.*

Add the WiFi option to control directly from any web browser.

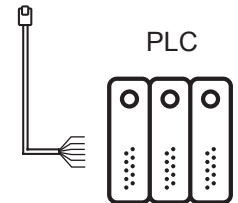
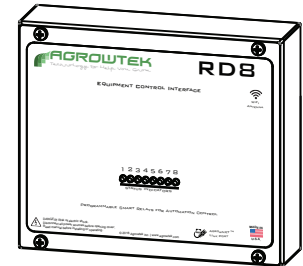
MODBUS for PLC control.

Mini Controller



Connect the RD8i relay directly to Agrowtek's intelligent SXE climate sensors to create a basic environmental control system. Program relay contacts individually for temperature, humidity, or CO2 and cycle timer control. Uses the GrownET ports and a cross-over cable to link the devices together.

MODBUS



MODBUS RTU over RS422/485 allows low cost digital implementation of many sensors on PLCs. Read values in floating point and integer formats, calibrate sensors and perform other functions using standard MODBUS registers. "AutoBAUD" feature detects the MODBUS network's baud rate on power-up for 9.6k or 19.2k speeds.

Ordering Options

RD8i - W

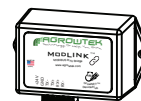
WiFi Radio & Antenna

Optional Accessories



LX1

USB AgrowLINK
GrowNET Bridge



LX2

MODBUS
GrowNET Bridge



HX8

GrowNET
8-Port Hub