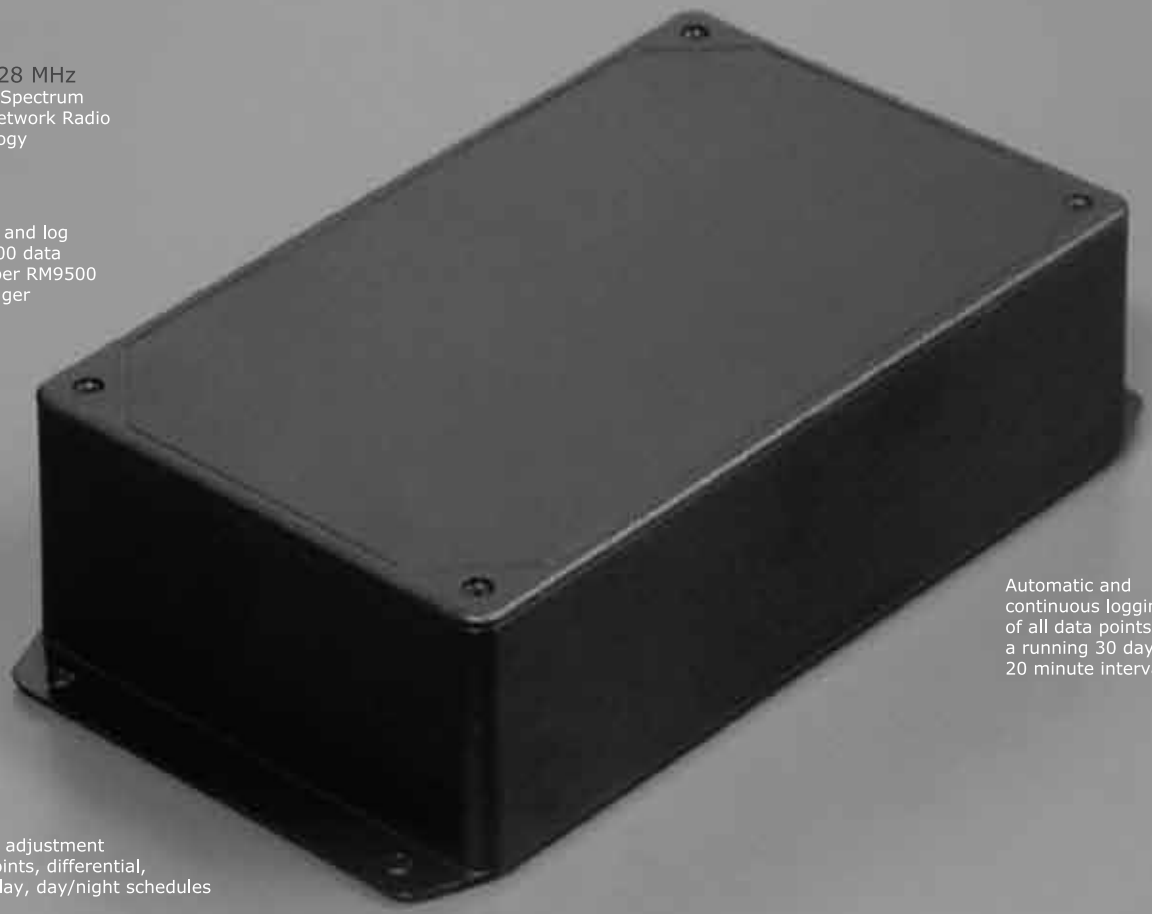
RM9500

Spread Spectrum Wireless WebLogger

902-928 MHz
Spread Spectrum
Mesh Network Radio
technology

Monitor and log
up to 100 data
points per RM9500
WebLogger



Automatic and
continuous logging
of all data points for
a running 30 days at
20 minute intervals

Remote adjustment
of setpoints, differential,
time delay, day/night schedules

L: 8.80″ **W:** 4.70″ **H:** 2.25″

RM9500

The Series 2000 WebLogger utilizes reliable Spread Spectrum Mesh Network Radio technology. The RM9500 provides the user with internet/intranet remote monitoring, control and logging capability. It is a standalone internet web server that can communicate with all other sensors and controllers wirelessly. In addition, the RM9500 automatically and continuously logs all wireless sensor data such as temperature, humidity, tank level and alarm information for the last 30 days at 20 minute intervals. Up to two (2) RC2105 controllers or 50 separate wireless sensors can be used with one RM9500 and up to 100 data points can be monitored and logged with one (1) RM9500 Weblogger. The maximum radio transmission distance is dependent on building type. In a typical commercial building with steel I-beam construction, concrete floors with reinforcing rod, and metal stud walls, it can be expected that transmissions will penetrate vertically through floors and horizontally through 200 to 500 feet of walls, furniture and air.

The RM9500 is covered by ACI's Two (2) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: www.workaci.com.

Made in the U.S.A.

RM9500

Spread Spectrum Wireless WebLogger

Automation Components, Inc. ACI

SPECIFICATIONS

Input Voltage/Current	24VAC,60 Hz, 250mA norminal
Network/Internet Connections	Ethernet: RJ45, Cat. 5 cable
RF Characteristics	Operating Frequency Channel: 902-928 MHz, Receiver Sensitivity (avg. power): 110 dBm
Operating Temperature Range	32 to 150ºF (0 to 65ºC)
Operating Humidity Range	5 to 95%, non-condensing
Data Logging Frequency	Twenty minute intervals

ORDERING

BUILD YOUR PART#

EXAMPLE

RM9500A-2K

RM9500A-2K

STEP 1 — MODEL

Select RM9500A-2K.

RM9500A-2K	WebLogger with internet remote monitoring, logging and control capability.

RM9500

CAUTION

Installation

Refer to the configuration setup instruction manual for configuration of the RM9500 registers and input variables setup. A PC is required for the setup of the WebLogger.

Choose a location close to the broadband Internet connection and away from the floor.

Mount the WebLogger on the wall using four #8 screws.

24VAC Input - Connect 24VAC 60 Hz to the input terminals using 20 AWG wire.

Connect to the Internet connection (or a network/router port) using a RJ45 ethernet cable.